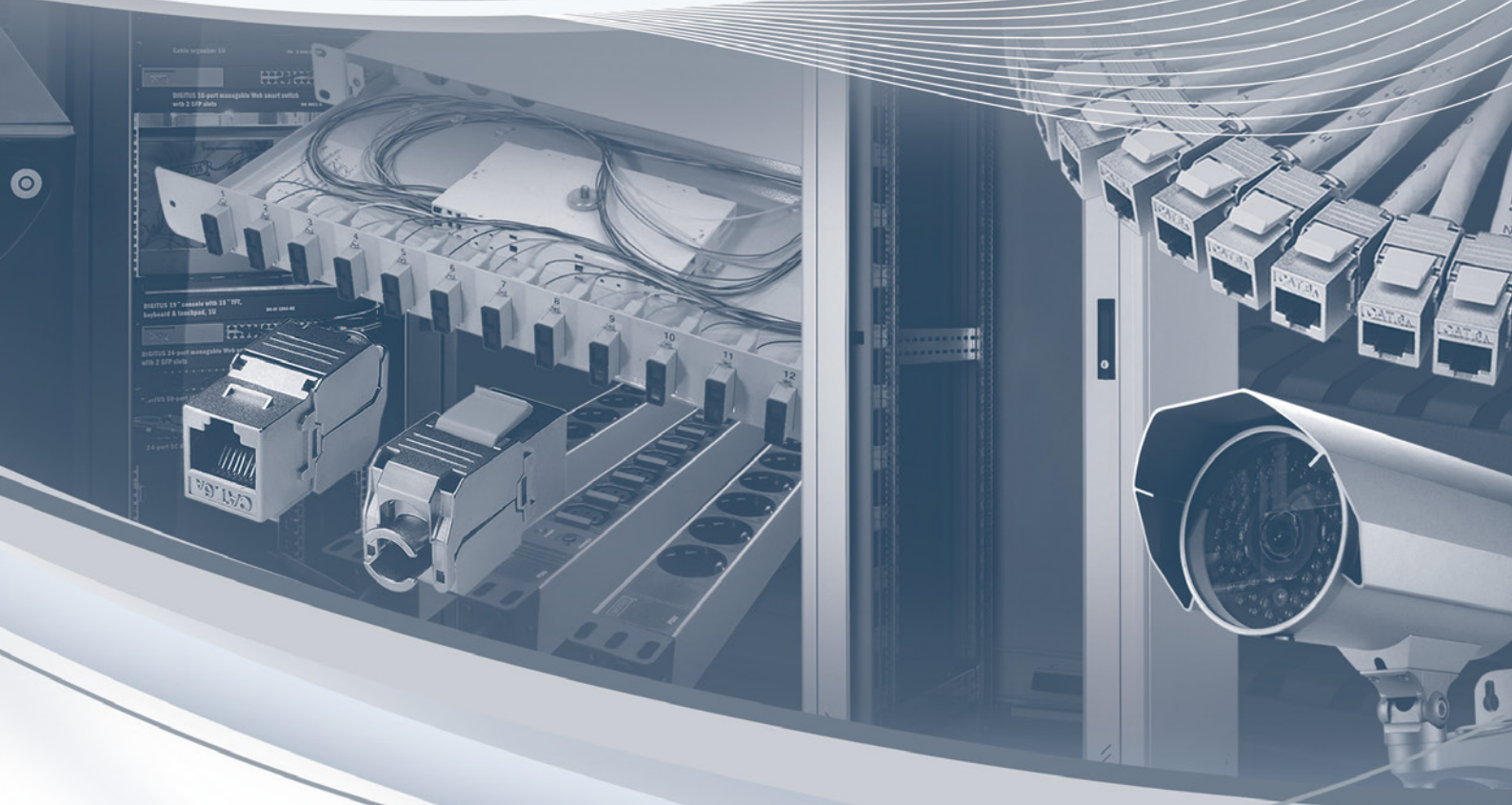


ASSMANN



NETWORK TECHNOLOGY

2012 // 2013



Preface //

ASSMANN is a globally active manufacturing company working in the retail trade and distribution sectors and specialising in the sales and distribution of passive and active assemblies for private, medium-sized and industrial applications. This gives a sustainable solution for your application tasks and conditions because of competent advice and the delivery of high quality products at the centre of our efforts. We have been successful in product development for more than 42 years and have a global presence enabling us to work together with our customers on a daily basis.

We have created our area of competence, ASSMANN Network Technology, according to the theme „from professional to professional“ and have put together a range of products for you for structured cabling for buildings.

We use the brand „DIGITUS® Professional“ to offer you a comprehensive system for fibre optic and copper cabling systems, amongst other items. We offer solutions from one source, ranging from cabinet systems with power supply and air conditioning of data centres, connection and distribution components for glass and copper components, right up to pre-assembled fibre optic links and corresponding metrology. Technological innovations and future reliability are the defining features of our products for structured network cabling and safety technology.

You benefit, as a customer, from our know-how in the sourcing of project-specific particular solutions special solutions and applications and also from our very high delivery reliability for standard items.

The ASSMANN group is focussed on your needs: Specialised in structured network cabling and security technology, trained for consultation and the training of resellers and end customers, experience through long years, practical application and implementation, equipped with technological know-how. Our company is also certified according to DIN EN 9001 and ISO 14001.

We're here for you!
Your ASSMANN-Team

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ASSMANN Network Technology



ASSMANN Network Technology is designed for the technically demanding user in the technical building services market.

We offer the customer a comprehensive range with excellent value for money and constant quality control and product surveillance on site. ASSMANN stands for the highest quality and reliability. A strong, reliable team strives constantly to provide 100% satisfaction of requirements from the market and customers.

We understand our mission to be the long-term protection of investment by the delivery of technically mature products.

We are the first supplier to offer an extended warranty of 5 or 15 years for the widest possible range of product groups.

We provide support for major projects with our extensive product range of individual products, customer-orientated solutions and with outstanding logistics. Support for the project customers by our qualified members of staff is a matter of fact here.

We also prove here that we are a competent, globally experienced team which can respond with individual, proposed solutions and corresponding specialised technical knowledge.

Our Range of Products

Passive Network Components

- Connection Components
- Specially made Glass and Copper Cables
- 19" Products
- USV Devices
- DATA Centres

Active Network Components

- Switches/Adapters
- Power over Ethernet
- IP Cameras
- Network/ Video Recorders
- Media Converters

Digital Signage Systems

- 19" Consoles
- KVM Products
- Video Splitters/Switches
- Extenders
- Audio/ Video Conversion Units

Logistik Management

The extended rack supported storage system provides even more space and guarantees high and quick delivery capability. Our logistics management includes manufacturing, finishing and delivery according to the customer's requirements – also directly on site on the construction size.

Transparency for the flow of information means the greatest possible safety for planning cost reduction.



Our References

We are already convincing our national and international customers with our company concept. A steady increase in new customers and a positive feedback convince us that we are on the right path and that the needs of a demanding market in the professional area are completely covered.

Our references include the following customers, amongst others:
Deutsche Telekom // Maritim Hotels // Red Bull Ring // Lacoste // Vodafone // IKEA // City of Luxemburg

The above mentioned customers and many others already benefit from high product quality and customer service from one source.

Our extended system warranty of 25 years in cabling buildings offers an additional quality feature and underlines the high reliability of our products. Long-life cables and components which make a major contribution towards maintaining the infrastructure are of crucial importance, precisely in the area of cabling.



Data Center

Providing equipment consisting of Data Centre Products for complete and individual solutions is also important.

Systems with the greatest efficiency and stability against failure fit in perfectly with building cabling.

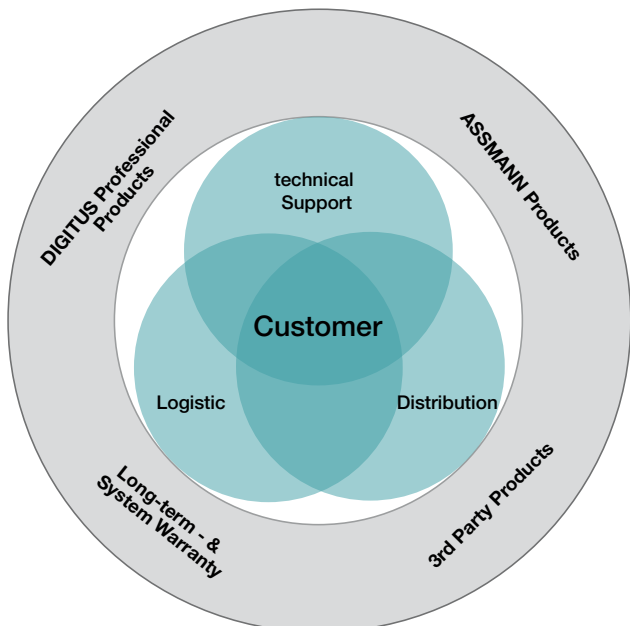
Security & Surveillance

But not only a smooth data flow but also the complete surveillance of buildings acquires increasing importance with our Security & Surveillance Systems.

You receive all this, in turn, from one source with our complete systems.

And the stroke of genius – everything is mutually compatible – the building block system.

We are looking forward to see you!
The ASSMANN Team



Our Recipe for Success

The customer and his requirements are always the centre of focus in all our efforts!

Long-term - & System Warranty

On the safe side with the new Long-term Warranty from ASSMANN

ASSMANN stands for quality and customer satisfaction. We offer a manufacturer's warranty of 5 or 15 years on practically all our products for this reason.

The conditions for activating the long-term warranty are really easy. You only have to register your DIGITUS® product online within 4 weeks after the date of purchase. This is quite easy on our website. You can make all claims under warranty with your dealer.

The following items are excluded from the warranty. Consumables or parts subjected to mechanical wear.

Please look at our warranty conditions on <http://www.business.assmann.com/service> or www.digitus.info/service/garantie.



Guaranteed to be trouble-free with the 25 Year System Warranty

ASSMANN 
SYSTEM WARRANTY

Our many years of experience in quality assurance and regular confirmation by certification institutes enable us to offer the 25 year system warranty for cabling components also for the Permanent Link.

The performance capability of our products is proven by independent test institutes. We guarantee, during the 25 year warranty that the cabling (Permanent Link) complies with the standards defined at the time of the installation.

You will find relevant and detailed information
on Page 128.



Network- & Server Cabinets 07 – 30

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Network Cabinets

DIGITUS® cabinets are made out of 2mm steel sheet metal and can be delivered in various colours.

The colour is created by powder coating. RAL 7035 and RAL 9005 are standard colours. The robust steel construction provides very good stability, a capacity of up to 1000kg can be reached with the appropriate construction. A minimum number of welded seams allows the cabinets to be completely dismantled in order to reach set-up locations which are difficult to reach. Simple dismantling of the front and back doors allows the stop to be changed without any trouble so that the existing door can also be exchanged with other alternatives, double panelled, fully glazed or perforated. The cabinets provided with ventilated roofs facilitate air circulation and can be easily and quickly extended by adding prefabricated, built-in air vane modules and thermostats for active ventilation.

19" angular profiles installed at the back and front together with 3 to 4 pairs of deep struts allow extensive development with 19" products and give the opportunity of a clearly extended load capacity.

Up to 3 options for the cable supply, protected by brush strips in the roof area, in the base and also at the back offer comfortable cable arrangement opportunities for many ranges of use.

These are also extended by using cable ducts with front panels installed on the right and left hand side for cabinets with a width of 800mm.

Extensive accessories for the cable arrangement, storage, active ventilation and air extraction and also additional construction and extension parts help to meet the many requirements and uses in daily use.

Configuration Network Cabinet Width 800

Article Number Cabinet	DN-19 32U-8/8	DN-19 36U-8/8	DN-19 42U-8/8	DN-19 42U-8/8-ZT	DN-19 42U-8/8-SF	DN-19 42U-8/10	DN-19 47U-8/8	DN-19 47U-8/10
Height	1577	1755	2022	2022	2022	2022	2244	2244
Width	800	800	800	800	800	800	800	800
Depth	800	800	800	800	800	1000	800	1000
Color	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035
Carrying capacity	700kg	700kg	700kg	700kg	400kg	700kg	700kg	700kg
Protection class	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40
Shipment								
Base frame	1	1	1	1	1	1	1	1
Safety-glass frontdoor, steel frame with ventilation slots	1	1	1		1	1	1	1
2-door safety-glass frontdoor, lockable				1				
2-door steel backdoor, lockable	1	1	1	1	1	1	1	1
Side sections detachable and lockable	2	2	2	2	2	2	2	2
19" profile rails, mounted in front of the cabinet	2	2	2	2		2	2	2
19" profile rails, mounted in the rear of the cabinet	2	2	2	2		2	2	2
Swingframe					1			
Depth members (pair)	3	3	3	3		3	3	3
Roof, prepared to use roof cooling units with brushes left and right	1	1	1	1	1	1	1	1
Bottom with movable sheet, rubber sealing and brushes left and right	1	1	1	1	1	1	1	1
Levelling feets	4	4	4	4	4	4	4	4
Cable management panel with cover	2	2	2	2		2	2	2
Brush cable entry up and down at the rear front	1	1	1	1	1	1	1	1
Plinth with brush cable entry	DN-19 PLINTH-8/8	DN-19 PLINTH-8/8	DN-19 PLINTH-8/8	DN-19 PLINTH-8/8	DN-19 PLINTH-8/8	DN-19 PLINTH-8/10-N	DN-19 PLINTH-8/8	DN-19 PLINTH-8/10-N
Lockable castors	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR
Fixed shelf	DN-97611	DN-97611	DN-97611	DN-97611	DN-97609	DN-97611	DN-97611	DN-97611
Sliding shelf	DN-19 TRAY-2-800	DN-19 TRAY-2-800	DN-19 TRAY-2-800	DN-19 TRAY-2-800		DN-19 TRAY-2-800	DN-19 TRAY-2-800	DN-19 TRAY-2-800
Roof cooling unit incl. fans and thermostat	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.
Connecting Kit	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL
Swing arm handhold, prepared to use profile half cylinder (frontdoor)	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS
Bulk enclose								
Caged nuts, screws and plastic washers	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets

Configuration Network Cabinet Width 600

Article Number Cabinet	DN-19 22U-6/6	DN-19 26U-6/6	DN-19 32U-6/6	DN-19 42U-6/6	DN-19 22U-6/8	DN-19 26U-6/8	DN-19 32U-6/8	DN-19 42U-6/8	DN-19 26U-6/10
Height	1132	1310	1577	2022	1132	1310	1577	2022	1310
Width	600	600	600	600	600	600	600	600	600
Depth	600	600	600	600	800	800	800	800	1000
Color	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035
Carrying capacity	600kg	600kg	600kg	600kg	600kg	600kg	600kg	600kg	600kg
Protection class	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40	IP 40
Shipment									
Base frame	1	1	1	1	1	1	1	1	1
Safety-glass frontdoor, steel frame with ventilation slots	1	1	1	1	1	1	1	1	1
Steel backdoor, lockable	1	1	1	1	1	1	1	1	1
Side sections detachable and lockable	2	2	2	2	2	2	2	2	2
19"- profile rails, mounted in front of the cabinet	2	2	2	2	2	2	2	2	2
19"- profile rails, mounted in the rear of the cabinet	2	2	2	2	2	2	2	2	2
Depth members (pair)	2	2	3	3	2	2	3	3	2
Roof, prepared to use roof cooling units	1	1	1	1	1	1	1	1	1
Bottom with movable sheet and rubber sealing	1	1	1	1	1	1	1	1	1
Levelling feets	4	4	4	4	4	4	4	4	4
Brush cable entry up and down at the rear front			1	1			1	1	
Plinth with brush cable entry	DN-19 PLINTH-6/6	DN-19 PLINTH-6/6	DN-19 PLINTH-6/6	DN-19 PLINTH-6/6	DN-19 PLINTH-6/8	DN-19 PLINTH-6/8	DN-19 PLINTH-6/8	DN-19 PLINTH-6/8	DN-19 PLINTH-6/10-N
Lockable castors	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR	DN-19 CASTOR
Fixed shelf	DN-97610	DN-97610	DN-97610	DN-97610	DN-97610	DN-97610	DN-97610	DN-97610	DN-97610
Sliding shelf	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600	DN-19 TRAY-2-600
Roof cooling unit incl. fans and thermostat	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.	2 + 4 Fans poss.
Connecting Kit	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL
Swing arm handhold, prepared to use profile half cylinder (frontdoor)	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS	DN-19 PHS
Bulk enclose									
Caged nuts, screws and plastic washers	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets

Configuration Server Cabinet

Article Number Cabinet	DN-19 SRV-26U-N	DN-19 SRV-26U-GD	DN-19 SRV-42U-N	DN-19 SRV-42U-GD	DN-19 SRV-42U-8-N	DN-19 SRV-42U-8-GD
Height	1338	1338	2049	2049	2049	2049
Width	600	600	600	600	800	800
Depth	1000	1000	1000	1000	1000	1000
Color	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035	RAL 7035
Carrying capacity	1000kg	1000kg	1000kg	1000kg	1000kg	1000kg
Protection class	IP 20	IP 20	IP 20	IP 20	IP 20	IP 20
Shipment						
Base frame	1	1	1	1	1	1
Perforated steel frontdoor with 3-point latching	1		1		1	
Glazed frontdoor, steel frame with 3-point latching		1		1		1
2-door steel backdoor, perforated and lockable	1	1	1	1	1	1
Side sections detachable and lockable	2	2	2	2	2	2
19"- profile rails, mounted in front of the cabinet	2	2	2	2	2	2
19"-profile rails, mounted in the rear of the cabinet	2	2	2	2	2	2
Depth members (pair)	3	3	4	4	4	3
Roof, prepared to use roof cooling units with rear brush cable entry	1	1	1	1	1	1
Bottom with movable sheet and rubber sealing	1	1	1	1	1	1
Anti-tipping device, extractable	1	1	1	1	1	1
Levelling feets	4	4	4	4	4	4
Castors	4	4	4	4	4	4
Plinth with blush cable entry	DN-19 PLINTH-6/10	DN-19 PLINTH-6/10	DN-19 PLINTH-6/10	DN-19 PLINTH-6/10	DN-19 PLINTH-8/10	DN-19 PLINTH-8/10
Fixing shelf	DN-19 TRAY-1-1000	DN-19 TRAY-1-1000	DN-19 TRAY-1-1000	DN-19 TRAY-1-1000	DN-19 TRAY-1-1000	DN-19 TRAY-1-1000
Sliding shelf	DN-19 TRAY-2-1000	DN-19 TRAY-2-1000	DN-19 TRAY-2-1000	DN-19 TRAY-2-1000	DN-19 TRAY-2-1000	DN-19 TRAY-2-1000
Roof cooling unit incl. fans and thermostat	4 + 6 Fans poss.	4 + 6 Fans poss.	4 + 6 Fans poss.	4 + 6 Fans poss.	4 + 6 Fans poss.	4 + 6 Fans poss.
Connecting Kit	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL	DN-19 BGL
Bulk enclose						
Käfigmuttern, Schrauben, Unterlegscheiben	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets	28 Sets

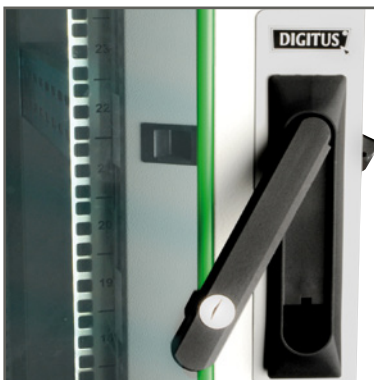


Network Cabinets in 800mm width

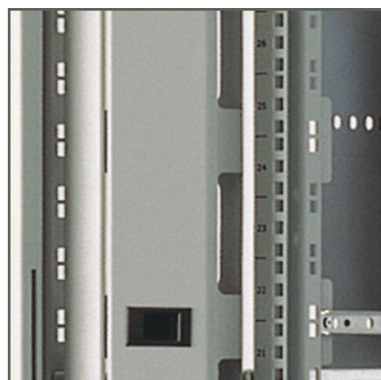


The DIGITUS® network cabinets are made of a robust steel construction with a minimum of seams. Ideal housing for active and passive 483mm (19") components. The elegant design fits into every modern office or computer centre.

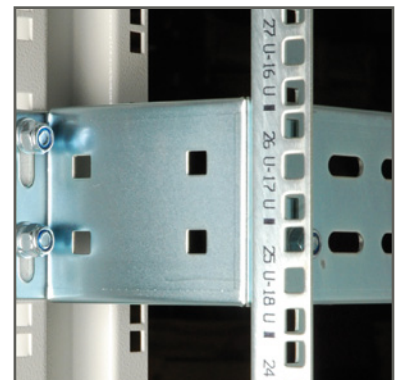
- Network cabinet's , in 780mm width
- 1,5mm - 2mm strong sheet steel with a high loading capacity, powder coated
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhaustion
- IP 40 rating
- Safety-glass door with steel frame, lockable; optionally available with two openable doors
- Lockable back door with two open able doors
- Loading capacity up to 600kg
- Up and down numbered 483mm (19") profiles on the front and back side, adjustable in depth
- Brush cable entries: sidewise on top and bottom, up and down at the rear front
- Cable entry in the middle of the bottom with movable sheet and rubber sealing
- Leveling feet, adjustable in height
- Cable ducts are located in front of the cabinet and mounted left and right at the 438mm (19") mounting angles
- Roof Module for Ventilation Unit
- Including set of 28 x 483mm (19") assembly screws
- Complying with international standards IEC 297-1/2 and IEC 917-2-1
- Extensive Range of Accessoires available



Lockable handle



Vertical cable management on the front



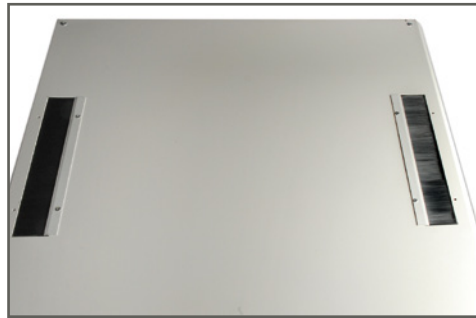
Up & down numbered 438mm (19") profiles



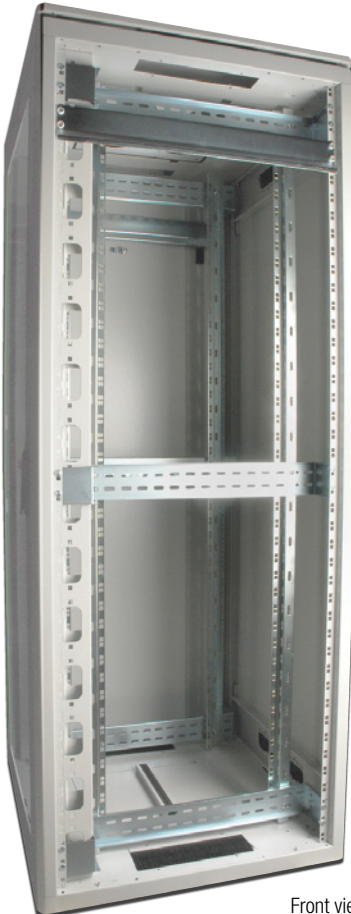
Rear view



Ventilation slots on the roof



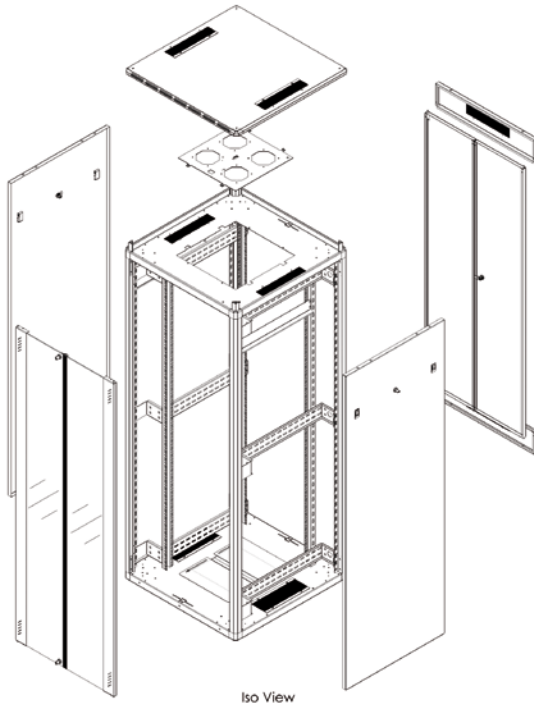
Cable entry on the roof



Front view

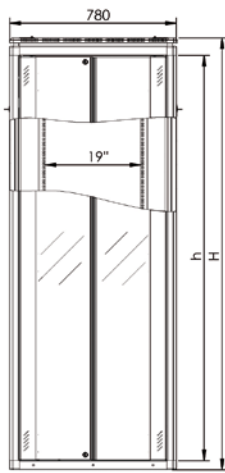


Large cable entries on the bottom

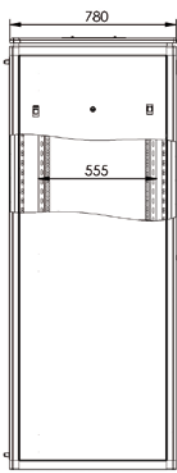


Iso View

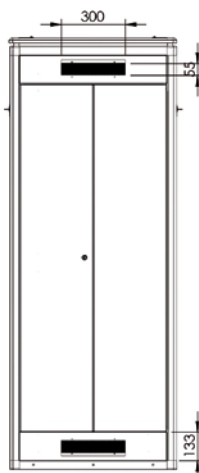
Network Cabinets 780 x 780mm



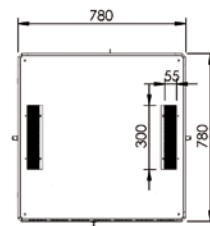
Front View



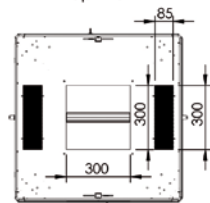
Side View



Side Back

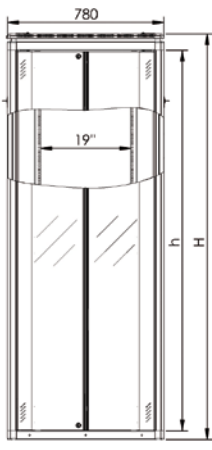


Top View

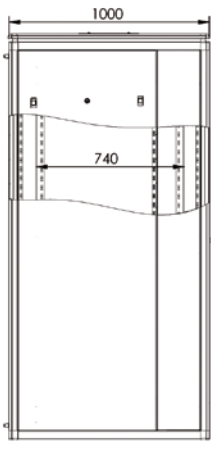


Bottom View

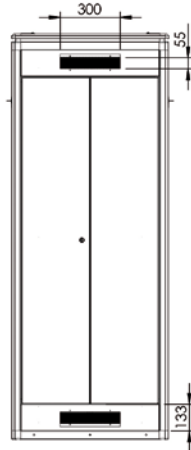
Network Cabinets 780 x 1000mm



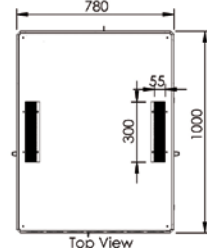
Front View



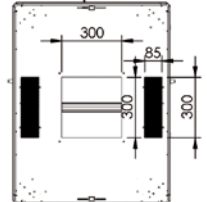
Side View



Back View



Top View



Bottom View



Network Cabinets 780 x 780mm

Art. Nr	EAN Code	feature	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	free space between rear door & mounting angle dimension (mm)	dimension between front and rear mounting angle Dimension (mm)
DN-19 22U-8/8	270676		22	grey	7035	1131	780	780	71,4	600	122	96	545
DN-19 32U-8/8	148241		32	grey	7035	1576	780	780	101,6	600	122	96	545
DN-19 32U-8/8-SW	220534		32	black	9005	1576	780	780	101,6	600	122	96	545
DN-19 36U-8/8	148272		36	grey	7035	1754	780	780	109,8	600	122	96	545
DN-19 42U-8/8	135173		42	grey	7035	2021	780	780	121,8	600	122	96	545
DN-19 42U-8/8-C	308072	excl. vertical cable management	42	grey	7035	2021	780	780	115,4	600	122	96	545
DN-19 42U-8/8-P	308065	incl. Plinth	42	grey	7035	2121	780	780	130,9	600	122	96	545
DN-19 42U-8/8-SW	179818		42	black	9005	2021	780	780	121,8	600	122	96	545
DN-19 42U-8/8-WS	261629	without side pannels	42	grey	7035	2021	780	780	121,8	600	122	96	545
DN-19 42U-8/8-SF	245711	with swing frame	42	grey	7035	2021	780	780	121,8	600	122	96	545
DN-19 47U-8/8	166733		47	grey	7035	2244	780	780	129,83	600	122	96	545
DN-19 47U-8/8-SW	255352		47	black	9005	2244	780	780	129,83	600	122	96	545

Network Cabinets 780 x 1000mm

Art. Nr	EAN Code	feature	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	free space between rear door & mounting angle dimension (mm)	dimension between front and rear mounting angle Dimension (mm)
DN-19 42U-8/10	205791		42	grey	7035	2021	780	1000	147	600	122	100	740
DN-19 42U-8/10-SW	218395		42	black	9005	2021	780	1000	147	600	122	100	740
DN-19 47U-8/10	206415		47	grey	7035	2244	780	1000	153,2	600	122	100	740
DN-19 47U-8/10-SW	255345		47	black	9005	2244	780	1000	153,2	600	122	100	740



Network Cabinets in 600mm width



The DIGITUS® network cabinets are made of a robust steel construction with a minimum of seams. Ideal housing for active and passive 483mm (19") components. The elegant design fits into every modern office or computer centre.

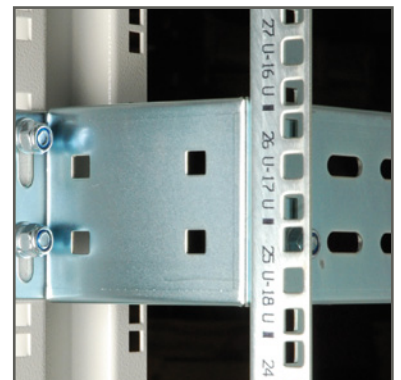
- 1.5mm - 2mm strong sheet steel with a high loading capacity, powder coated
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhaustion
- IP 40 rating
- Safety-glass door with steel frame, lockable;
- Lockable back door
- Loading capacity up to 600kg
- Up and down numbered 483mm (19") profiles on the front and back side, adjustable in depth
- Cable entry in back side of the bottom with movable sheet and rubber sealing
- Brush cable entry up and down at the rear front
- Levelling feet, adjustable in height
- Roof module for ventilation unit
- Including set of 28 x 483mm (19") assembly screws
- Complying with international standards IEC 297-1/2 and IEC 917-2-1
- Extensive range of accessories available



Lockable handle



Large cable entry on the bottom



Up & down numbered 483mm (19") profiles



Rear view

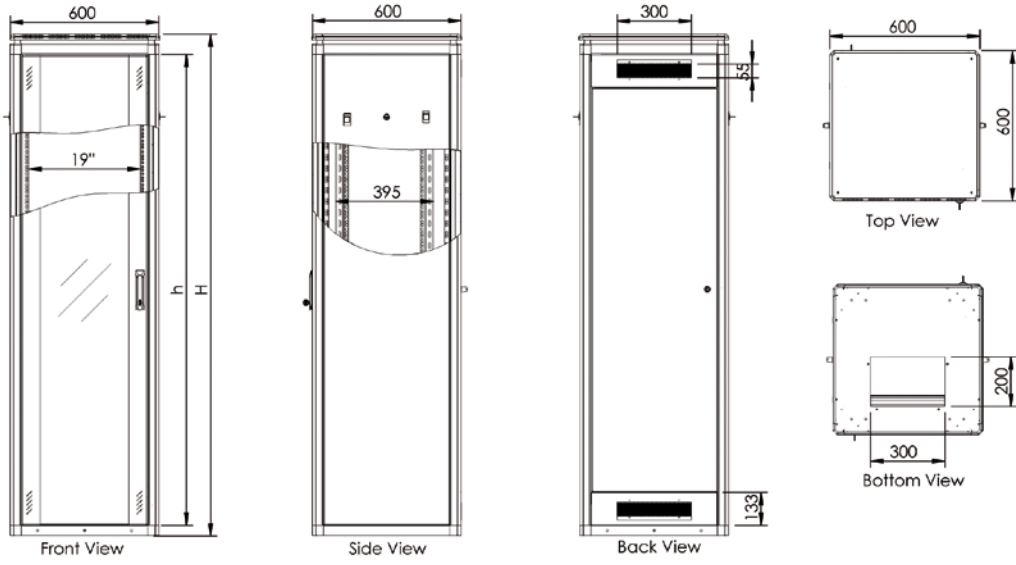


Side view

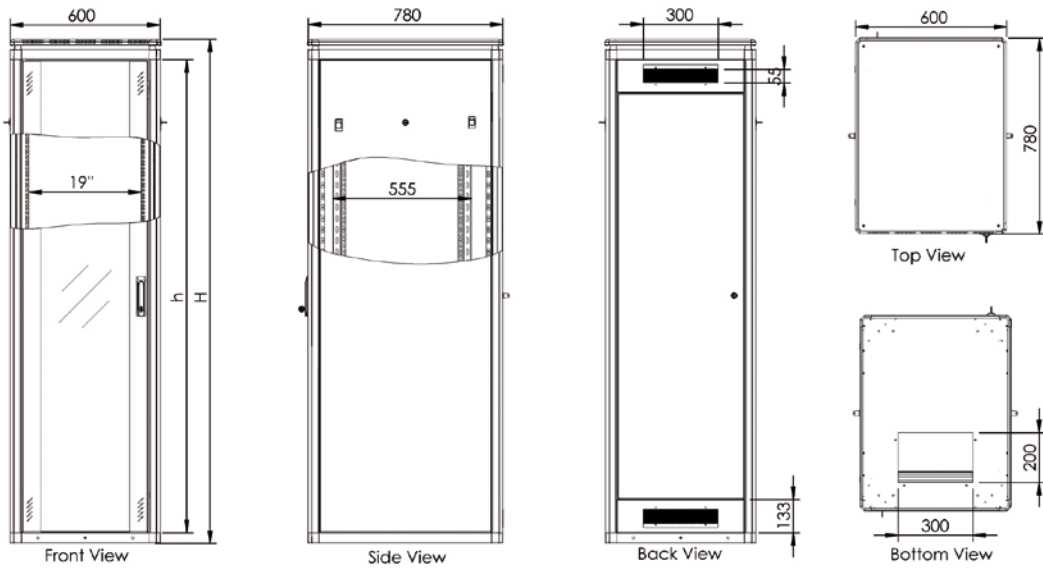


Ventilation slots on the roof

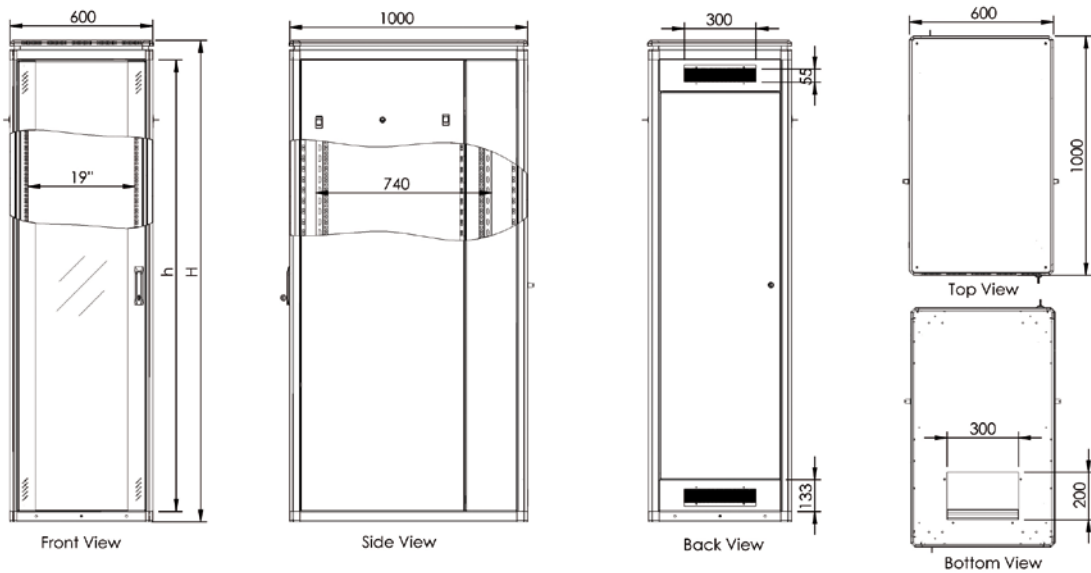
Network Cabinets 600 x 600mm



Network Cabinets 600 x 780mm



Network Cabinets 600 x 1000mm





Network Cabinets 600 x 600mm

Art. Nr	EAN Code	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	free space between rear door & mounting angle dimension (mm)	dimension between front and rear mounting angle Dimension (mm)
DN-19 16U-6/6-S	192473	16	grey	7035	865	600	600	43	600	70	90	390
DN-19 22U-6/6	135050	22	grey	7035	1131	600	600	53,4	600	70	90	390
DN-19 22U-6/6-SW	201113	22	black	9005	1131	600	600	53,4	600	70	90	390
DN-19 26U-6/6	135678	26	grey	7035	1309	600	600	58,2	600	70	90	390
DN-19 26U-6/6-SW	201113	26	black	9005	1309	600	600	58,2	600	70	90	390
DN-19 32U-6/6	135142	32	grey	7035	1576	600	600	67,2	600	70	90	390
DN-19 32U-6/6-SW	149422	32	black	9005	1576	600	600	67,2	600	70	90	390
DN-19 36U-6/6	148258	36	grey	7035	1754	600	600	67,2	600	70	90	390
DN-19 36U-6/6-SW	255291	36	black	9005	1754	600	600	73,2	600	70	90	390
DN-19 42U-6/6	135159	42	grey	7035	2021	600	600	81	600	70	90	390
DN-19 42U-6/6-SW	196549	42	black	9005	2021	600	600	81	600	70	90	390
DN-19 47U-6/6	205357	47	grey	7035	2244	600	600	90,23	600	70	90	390
DN-19 47U-6/6-SW	255314	47	black	9005	2244	600	600	90,23	600	70	90	390

Network Cabinets 600 x 780mm

Art. Nr	EAN Code	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	free space between rear door & mounting angle dimension (mm)	dimension between front and rear mounting angle Dimension (mm)
DN-19 22U-6/8	147121	22	grey	7035	1131	600	780	62,43	600	75	105	390
DN-19 22U-6/8-SW	179993	22	black	9005	1131	600	780	62,43	600	75	105	390
DN-19 26U-6/8	135685	26	grey	7035	1309	600	780	68,83	600	75	105	390
DN-19 26U-6/8-SW	201113	26	black	9005	1309	600	780	68,83	600	75	105	390
DN-19 32U-6/8	147114	32	grey	7035	1576	600	780	80,23	600	75	105	390
DN-19 32U-6/8-SW	149422	32	black	9005	1576	600	780	80,23	600	75	105	390
DN-19 36U-6/8	148265	36	grey	7035	1754	600	780	87	600	75	105	390
DN-19 36U-6/8-SW	255291	36	black	9005	1754	600	780	87	600	75	105	390
DN-19 42U-6/8	135166	42	grey	7035	2021	600	780	95,83	600	75	105	390
DN-19 42U-6/8-SW	196549	42	black	9005	2021	600	780	95,83	600	75	105	390
DN-19 47U-6/8	141587	47	grey	7035	2244	600	780	106,63	600	75	105	390
DN-19 47U-6/8-SW	255314	47	black	9005	2244	600	780	106,63	600	75	105	390

Network Cabinets 600 x 1000mm

Art. Nr	EAN Code	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	free space between rear door & mounting angle dimension (mm)	dimension between front and rear mounting angle Dimension (mm)
DN-19 26U-6/10	211129	26	grey	7035	1309	600	1000	82,6	600	90	123	740
DN-19 26U-6/10-SW	255277	26	black	9005	1309	600	1000	82,6	600	90	123	740
DN-19 42U-6/10	205371	42	grey	7035	2021	600	1000	113,8	600	90	123	740
DN-19 42U-6/10-SW	218388	42	black	9005	2021	600	1000	113,8	600	90	123	740
DN-19 47U-6/10	205807	47	grey	7035	2244	600	1000	125	600	90	123	740
DN-19 47U-6/10-SW	255338	47	black	9005	2244	600	1000	125	600	90	123	740
DN-19 47U-8/10-SW	255345	47	black	9005	2244	780	1000	153,2	600	122	100	740



Server Cabinets with perforated front door



The DIGITUS® server cabinets are especially suitable for server and switches with high installation depth. The reasoned construction ensures an effectively air circulation and cooling for installed devices. The cabinet can be taken apart for easy entry in small rooms.

- 1.5mm - 2mm strong sheet steel with a high loading capacity, powder coated
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhaustion
- Protection rating IP 20
- 60 % perforated steel front door, with lockables wing handle
- 60 % perforated double-wing steel rear doors, with lockables wing handle
- Spring-mounted hinges enable easy installation of the door or door change
- 3-point locking system, optionally available with cylinder lock
- Suitable for all server types with 483mm (19") mounting
- Up to 1000kg carrying capacity
- Up and down numbered 483mm (19") profiles on the front and back side, adjustable in depth
- Large cable entry with rubber-edged sliding mechanism on the floor
- Height-adjustable levelling feet for the equalisation of uneven floors
- Caters for better mobility
- Tilt-prevention mechanism when pulling out servers
- Roof module for ventilation unit
- Including set of 28 x 483mm (19") assembly screws
- Complying with international standards IEC 297-1/2 and IEC 917-2-1
- Extensive range of accessories available



Ventilation slots on the roof

**Incl. fixed
Castors.**



3 point locking system



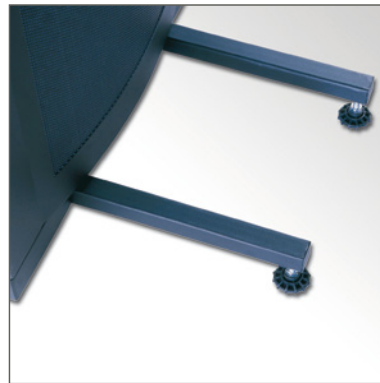
Up & down numbered 438mm (19") profiles



Side view



Lockable handle



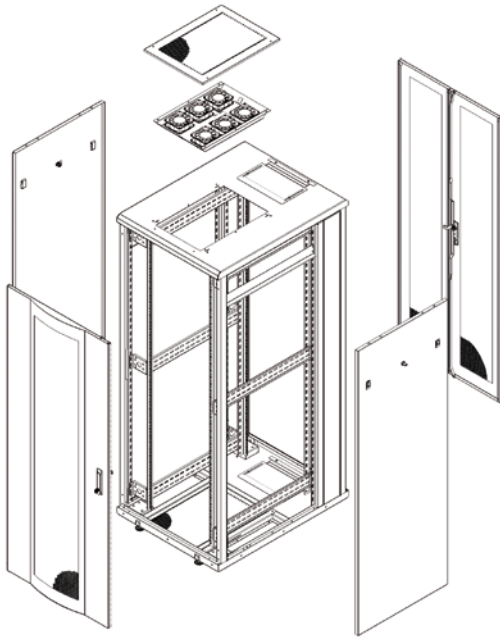
Tilt prevention mechanism



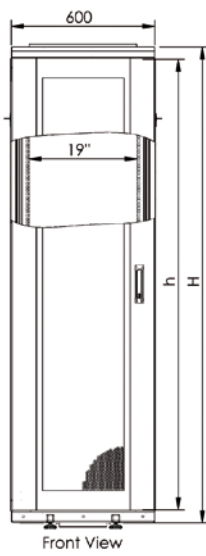
2 door opening back doors



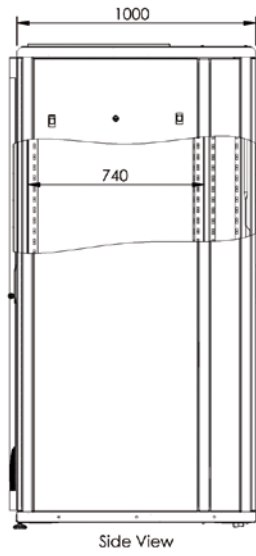
Ready to install filter mat



Server Cabinets 600 x 1000mm



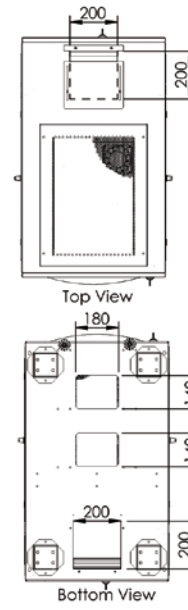
Front View



Side View



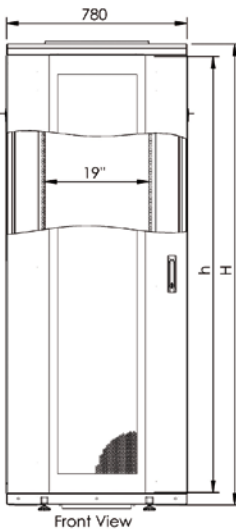
Back View



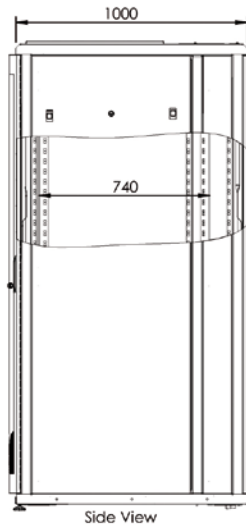
Top View

Bottom View

Server Cabinets 780 x 1000mm



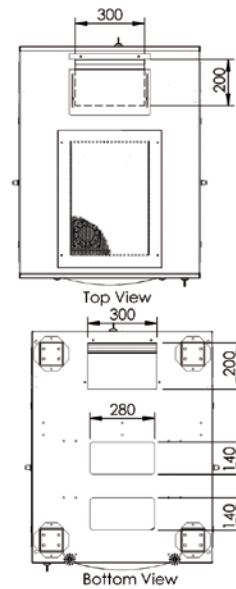
Front View



Side View



Back View



Top View

Bottom View



Server Cabinets 600 x 1000mm

Art. Nr	EAN Code	feature	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	free space between rear door & mounting angle dimension (mm)	dimention between front and rear mounting angle Dimension (mm)
DN-19 SRV-26U-N	182979	60 % perforated front & 2 door opening backdoors	26	grey	7035	1338	600	1000	98,2	1000	55	160	740
DN-19 SRV-26U-SW-N	184171	60 % perforated front & 2 door opening backdoors	26	black	9005	1338	600	1000	98,2	1000	55	160	740
DN-19 SRV-26U-GD	157915	plexi glas front door, 60 % perforated 2door opening back doors	26	grey	7035	1338	600	1000	98,2	1000	55	160	740
DN-19 SRV-26U-SW-GD	169604	plexi glas front door, 60 % perforated 2door opening back doors	26	black	9005	1338	600	1000	98,2	1000	55	160	740
DN-19 SRV-36U-N	217732	60 % Perforierte Front & 2door opening back doors	36	grey	7035	1782	600	1000	119,4	1000	55	160	740
DN-19 SRV-36U-SW-GD	228721	plexi glas front door, 60 % perforated 2door opening back doors	36	black	9005	1782	600	1000	119,4	1000	55	160	740
DN-19 SRV-42U-N	182962	60 % perforated front & 2 door opening backdoors	42	grey	7035	2049	600	1000	134,4	1000	55	160	740
DN-19 SRV-42U-SW-N	183488	60 % perforated front & 2 door opening backdoors	42	black	9005	2049	600	1000	134,4	1000	55	160	740
DN-19 SRV-42U-GD	145608	plexi glas front door, 60 % perforated 2door opening back doors	42	grey	7035	2049	600	1000	134,4	1000	55	160	740
DN-19 SRV-42U-SW-GD	174318	plexi glas front door, 60 % perforated 2door opening back doors	42	black	9005	2049	600	1000	134,4	1000	55	160	740
DN-19 SRV-47U-N	205833	60 % perforated front & 2 door opening backdoors	47	grey	7035	2272	600	1000	147,4	1000	55	160	740
DN-19 SRV-47U-SW-N	205869	60 % perforated front & 2 door opening backdoors	47	black	9005	2272	600	1000	147,4	1000	55	160	740
DN-19 SRV-47U-GD	211006	plexi glas front door, 60 % perforated 2door opening back doors	47	grey	7035	2272	600	1000	147,4	1000	55	160	740

Server Cabinets 780 x 1000mm

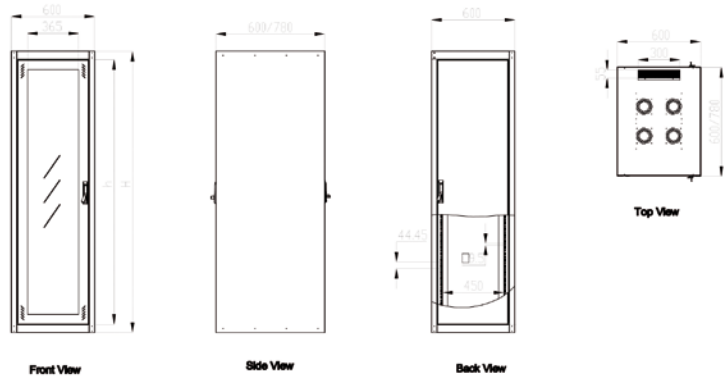
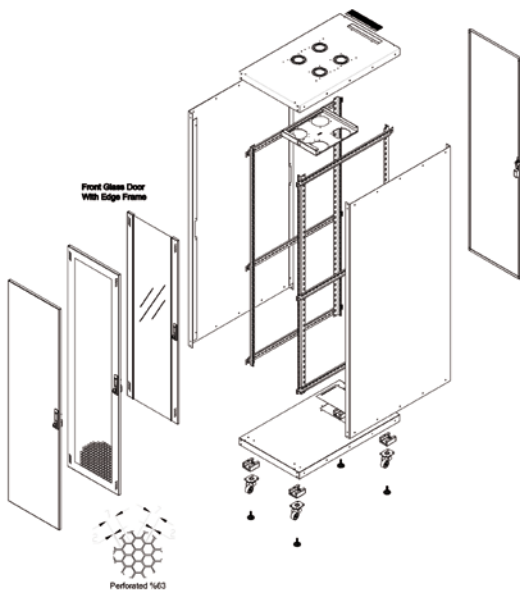
DN-19 SRV-42U-8-N	182986	60 % perforated front & 2 door opening backdoors	42	grey	7035	2049	780	1000	170	1000	40	173	740
DN-19 SRV-42U-8-SW-N	186151	60 % perforated front & 2 door opening backdoors	42	black	9005	2049	780	1000	170	1000	40	173	740
DN-19 SRV-42U-8-GD	170150	plexi glas front door, 60 % perforated 2door opening back doors	42	grey	7035	2049	780	1000	170	1000	40	173	740
DN-19 SRV-42U-8-SW-GD	174318	plexi glas front door, 60 % perforated 2door opening back doors	42	black	9005	2049	780	1000	170	1000	40	173	740
DN-19 SRV-47U-8-N	205845	60 % perforated front & 2 door opening backdoors	47	grey	7035	2272	780	1000	176,4	1000	40	173	740
DN-19 SRV-47U-8-SW-N	205852	60 % perforated front & 2 door opening backdoors	47	black	9005	2272	780	1000	176,4	1000	40	173	740
DN-19 SRV-47U-8-GD	211105	plexi glas front door, 60 % perforated 2door opening back doors	47	grey	7035	2272	780	1000	176,4	1000	40	173	740
DN-19 SRV-47U-8-SW-G	211082	plexi glas front door, 60 % perforated 2door opening back doors	47	black	9005	2272	780	1000	176,4	1000	40	173	740

Network Cabinets, unmounted



The unmounted DIGITUS® 483mm (19") network cabinets save space and minimize the shipping costs. The easily identifiable parts ensure a rapid assembly. The network cabinets are made of a robust steel construction with a minimum of seams. Ideal housing for active and passive 483mm (19") components. The elegant design fits into every modern office or computer centre.

- 1.5mm - 2mm strong sheet steel with a high loading capacity, powder coated
- Non opening side sections are used as upright frames (unique body) give additional stability
- Ventilation slots for active and passive ventilation and exhaustion
- IP 20 rating
- Safety-glass door with steel frame, lockable
- Back door lockable
- Loading capacity up to 400kg
- Up and down numbered 483mm (19") profiles on the front and back side, adjustable in depth
- Cable entry in the back side of the bottom with movable sheet and rubber sealing
- Levelling feet, adjustable in height
- Roof module for ventilation unit
- Including set of 28 x 483mm (19") assembly screws
- IEC 297-2, DIN 41494/Part 7, DIN 41491/Part 1, EN 60950, VDE 0100
- Extensive range of accessories available



Art. Nr	EAN Code	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	free space between rear door & mounting angle dimension (mm)	dimension between front and rear mounting angle Dimension (mm)
DN-19 22U-6/6-EC	177548	22	grey	7035	1122	600	600	52,4	400	60	80	370
DN-19 32U-6/6-EC	177593	32	grey	7035	1567	600	600	66,4	400	60	80	370
DN-19 42U-6/6-EC	177609	42	grey	7035	2012	600	600	84	400	60	80	370
DN-19 22U-6/8-EC	176732	22	grey	7035	1122	600	800	60	400	70	90	550
DN-19 32U-6/8-EC	176749	32	grey	7035	1567	600	800	78,6	400	70	90	550
DN-19 42U-6/8-EC	176756	42	grey	7035	2012	600	800	100	400	70	90	550

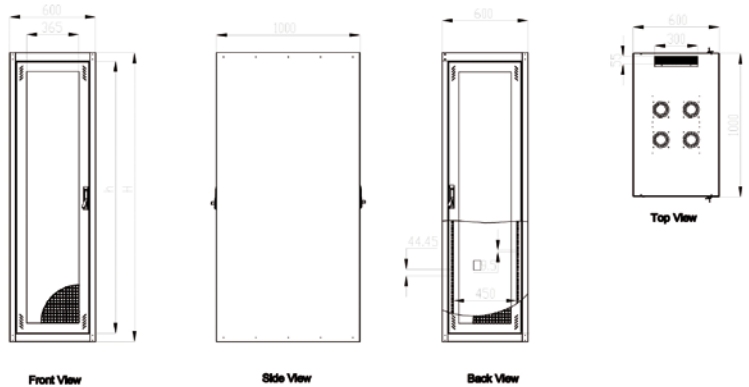
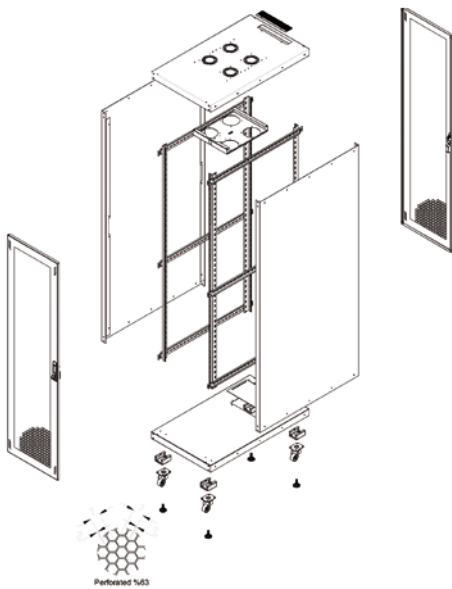


Server Cabinets, unmounted



The unmounted DIGITUS® 483mm (19") server cabinets save space and minimize the shipping costs. The easy identifiable parts ensure a rapid assembly. The cabinets are suitable for all typical server and telecommunication applications.

- 1.5mm - 2mm strong sheet steel with a high loading capacity, powder coated
- Non opening side sections are used as upright frames (unique body) give additional stability
- Ventilation slots for active and passive ventilation and exhaustion
- Protection rating IP 20
- 60 % perforated steel front door, with lockable wing handle
- Spring-mounted hinges enable easy installation of the door or door change
- Suitable for all server types with 19" mounting
- Loading capacity up to 400kg
- Up and down numbered 483mm (19") profiles on the front and back side, adjustable in depth
- Cable entry in the back side of the bottom
- Height-adjustable levelling feet for the equalisation of uneven floors
- Roof module for ventilation unit
- Including set of 28 x 483mm (19") assembly screws
- Extensive range of accessories available



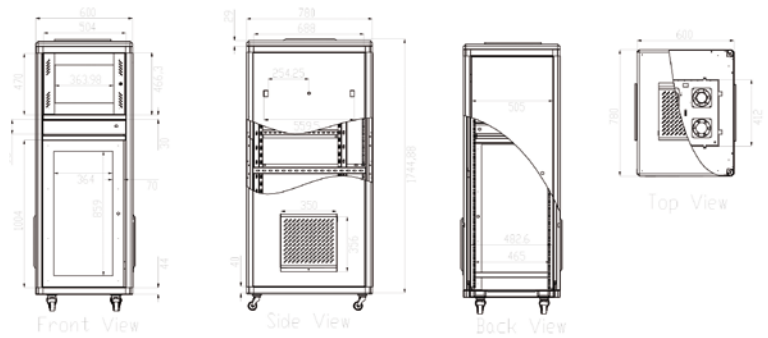
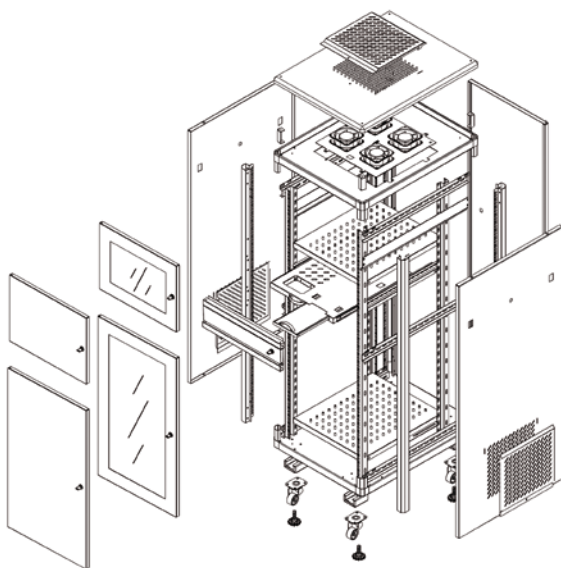
Art. Nr	EAN Code	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	free space between rear door & mounting angle dimension (mm)	dimension between front and rear mounting angle Dimension (mm)
DN-19 SRV-26U-EC	205944	26	grey	7035	1300	600	1000	85	400	78	142	740
DN-19 SRV-42U-EC	205951	42	grey	7035	2012	600	1000	119,2	400	78	142	740



Industrial-PC-Cabinets



- 1.5mm - 2mm strong sheet steel with high load capacity
- Color grey RAL 7035
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhaustion
- Protection rating IP 40
- Perforated steel front door, opening angle 180° with lockables wing handle
- Spring-mounted hinges enable easy installation of the door or door change
- Up and down numbered 483mm (19") profiles on the front and back side, adjustable in depth
- Large cable entry with rubber-edged sliding mechanism on the floor
- Cable feeds with brush strips
- Lockable and sliding keyboard drawer
- Height-adjustable levelling feet for the equalisation of uneven floors
- Roof module for ventilation unit
- Extensive range of accessories available



Art. Nr	EAN Code	feature	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	free space between rear door & mounting angle dimension (mm)	dimension between front and rear mounting angle Dimension (mm)
DN-19 36U-6/8-PC	211365	glas front door	36	grey	7035	1744	600	800	105	600	93	110	555
DN-19 36U-6/8-PC-SD	227205	steel front door	36	grey	7035	1744	600	800	105	600	93	110	555

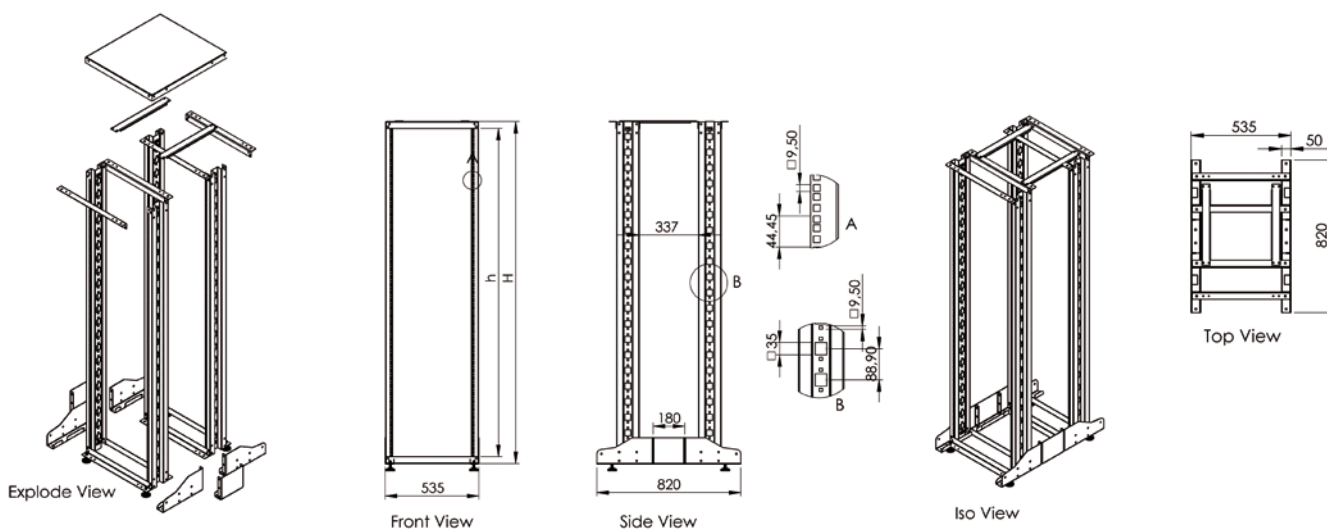


Relay rack, unmounted



The DIGITUS® Relay racks offer a safe installation of components. The torsion-resistant frame of 2mm steel sheet ensures highest stability. In order to allow a cost-effective transportation we deliver the relay racks in an unmounted way.

- Universal mounting options on each profile
- 42 Units
- 2mm steel sheet
- Adjustable mounting and levelling feet
- Inside height: 1870mm
- Package dimensions: 1965x175x150mm



Art. Nr	EAN Code	feature	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	dimension between front and rear mounting angle Dimension (mm)
DN-19 42U-S	189879	individual frame, 600mm rack depth	42	grey	7035	1981	536	600	19	200	
DN-19 42U-S-SW	257011	individual frame, 600mm rack depth	42	black	9005	1981	536	600	19	200	
DN-19 42U-D	189893	double frame, 800mm rack depth	42	grey	7035	1981	536	800	35,5	250	337
DN-19 42U-D-SW	256991	double frame, 800mm rack depth	42	black	9005	1981	536	800	35,5	250	337
DN-19 42U-D-SRV	236498	double frame, 1000mm rack depth	42	grey	7035	1981	536	1000	36,6	250	337
DN-19 42U-D-SRV-SW	257004	double frame, 1000mm rack depth	42	black	9005	1981	536	1000	36,6	250	337

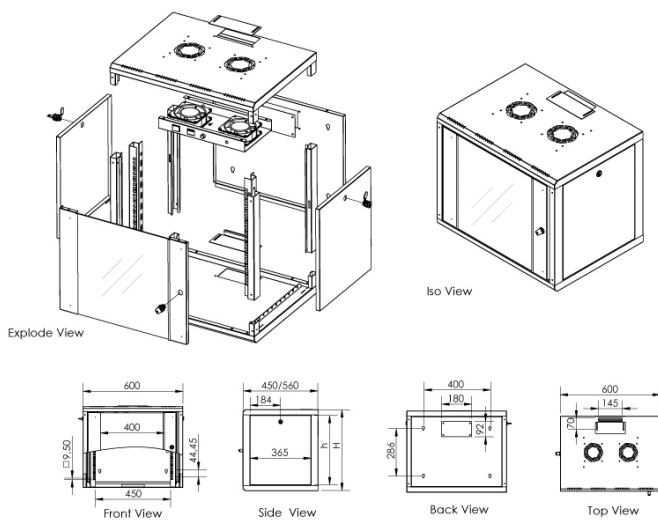


Wallmounting Cabinets



The DIGITUS® wall mounting cabinets are made of a robust steel sheet construction with a minimum of seams. The side sections are detachable and lockable. It is fast and easy to mount the cabinet. Separately there are levelling feet or castors available. Due to their flexibility the cabinets are ideal for all current IT- and Telecommunication applications.

- 1.1 – 1.5mm strong sheet steel with high load capacity, powder coated
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhaustion
- IP 40 rating
- Lockable safety-glass door with steel frame
- 483mm (19") profile rails on the front side, adjustable in depth
- Cable entry on top and bottom
- Inclusive 8 pieces mounting set
- Color: light grey RAL 7035
- Extensive range of accessories available



Art. Nr	EAN Code	feature	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	free space between rear door & mounting angle dimension (mm)	dimension between front and rear mounting angle Dimension (mm)
DN-19 07-U	189879	mounting angles on the front part	7	grey	7035	402	600	450	19	100	107	335	
DN-19 09-U	257011	mounting angles on the front part	9	grey	7035	491	600	450	21,4	100	107	335	
DN-19 12-U	189893	mounting angles on the front part	12	grey	7035	624	600	450	25	100	107	335	
DN-19 16-U	256991	mounting angles on the front part	16	grey	7035	802	600	450	29,4	100	107	335	
DN-19 20-U	236498	mounting angles on the front part	20	grey	7035	980	600	450	34	100	107	335	
DN-19 07-U-6/6	257004	mounting angles on the front & back part	7	grey	7035	402	600	560	22	100	107	83	363
DN-19 09-U-6/6	157519	mounting angles on the front & back part	9	grey	7035	491	600	560	24,4	100	107	83	363
DN-19 12-U-6/6	180517	mounting angles on the front & back part	12	grey	7035	624	600	560	28,2	100	107	83	363
DN-19 16-U-6/6	174097	mounting angles on the front & back part	16	grey	7035	802	600	560	33,2	100	107	83	363
DN-19 20-U-6/6	205975	mounting angles on the front & back part	20	grey	7035	980	600	560	38	100	107	83	363

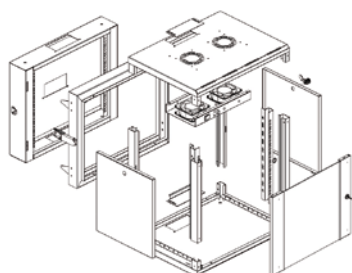


Double section Wallmounting Cabinets

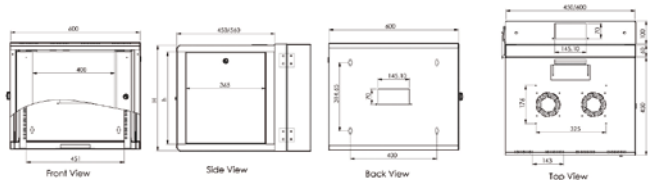
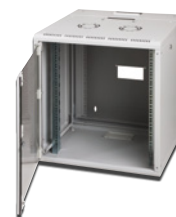
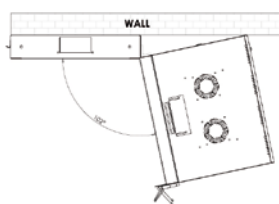


The DIGITUS® Double section wall cabinets are made of a robust steel construction with a minimum of seams. The side sections are detachable and lockable. The double section simplifies the access and installation of 19" components. Due to their flexibility the cabinets are ideal for all current IT- and Telecommunication applications.

- 1.1 – 1.5mm strong sheet steel with high load capacity, powder coated
- Side sections detachable and lockable
- Ventilation slots for active and passive ventilation and exhaustion
- IP 40 rating
- Safety-glass door with steel frame, lockable; optionally available with two openable doors
- Double section lockable
- 483mm (19") profile rails on the front side, adjustable in depth
- Cable entry on top and bottom
- Inclusive 8 pieces mounting set



Exploded View



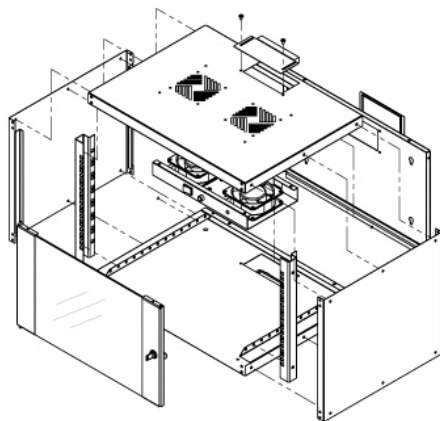
Art. Nr	EAN Code	feature	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	free space between rear door & mounting angle dimension (mm)	dimension between front and rear mounting angle Dimension (mm)
DN-19 07-U-3	186724	incl. Swing frame	7	grey	7035	402	600	610	31	100	107	76	419
DN-19 09-U-3	186731	incl. Swing frame	9	grey	7035	491	600	610	34,4	100	107	76	419
DN-19 12-U-3	186748	incl. Swing frame	12	grey	7035	624	600	610	39,6	100	107	76	419
DN-19 16-U-3	186755	incl. Swing frame	16	grey	7035	802	600	610	46,4	100	107	76	419
DN-19 20-U-3	190820	incl. Swing frame	20	grey	7035	802	600	610	52	100	107	76	419



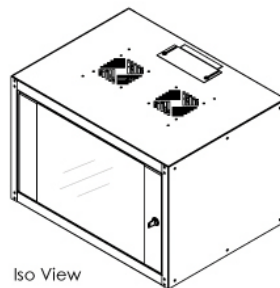
ECO Wallmounting Cabinets

The DIGITUS® SoHo wall mounting cabinets are made of a robust steel sheet construction with a minimum of seams. Ideal for all current IT- and Telecommunication applications.

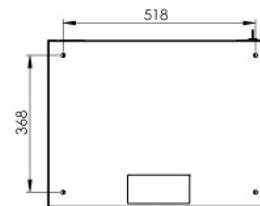
- 1.5mm strong sheet steel with high load capacity, powder coated
- Non opening side sections
- Ventilation slots for active and passive ventilation and exhaustion
- Protection rating IP 20
- Safety-glass door with steel frame, lockable
- 483mm (19") profile rails on the front side, adjustable in depth
- Cable entry on top and bottom
- Extensive range of accessories available



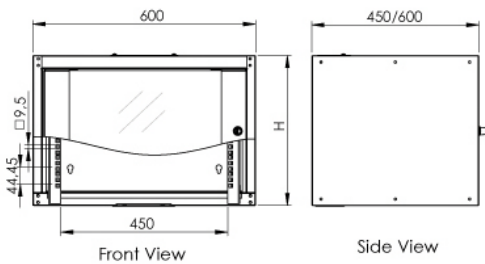
Explode View



Iso View

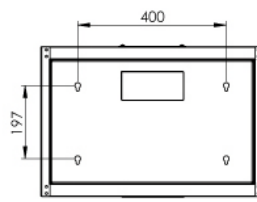


Bottom View

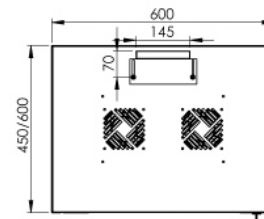


Front View

Side View



Back View



Top View

Art. Nr	EAN Code	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)
DN-19 07-U-EC	221692	7	grey	7035	402	600	400	19	100
DN-19 09-U-EC	221708	9	grey	7035	491	600	400	21,4	100
DN-19 12-U-EC	221715	12	grey	7035	624	600	400	25	100
DN-19 16-U-EC	221722	16	grey	7035	802	600	400	29,4	100

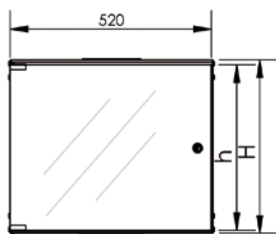
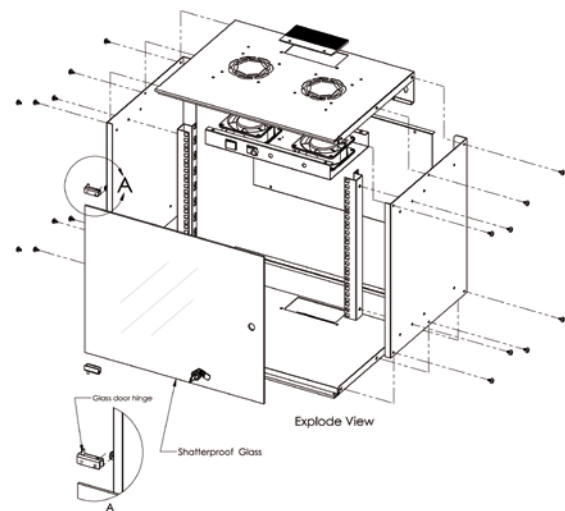


SoHo Wallmounting Cabinets, unmounted

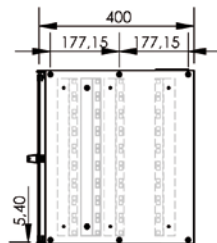


The completely unmounted DIGITUS® wall cabinets save space and enormously save transport costs. They can easily and swiftly be mounted. The mounting angles are adjustable in depth. Due to this flexibility the wall mounting cabinets are ideal for all current IT and telecommunication applications.

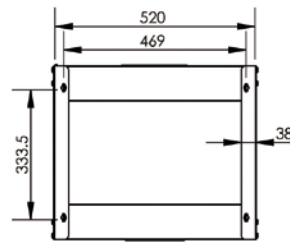
- 1.1 – 1.5mm strong sheet steel with high load capacity, powder coated
- Ventilation slots for active and passive ventilation and exhaustion
- Lockable Safety-glass door with steel frame
- 483mm (19") profile rails on the front side, adjustable in depth
- Cable entry on top and bottom
- Inclusive 1 piece brush for cable entry
- Inclusive 8 pieces mounting set
- Extensive range of accessories available



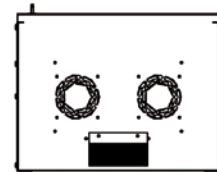
Front View



Side View



Back View



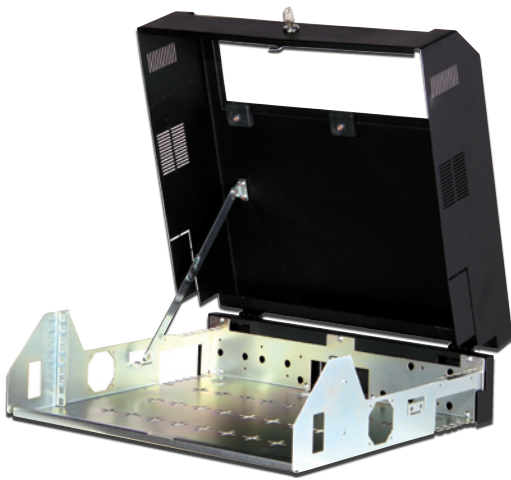
Top View

Art. Nr	EAN Code	feature	U	color	RAL	height (mm)	width (mm)	depth	weight (kg)	loading capacity (kg)	free space between front door & mounting angle dimension (mm)	dimension between front and rear mounting angle Dimension (mm)
DN-19 07-U-S	135241	profile rails on the front part	7	grey	7035	359	520	400	13	100	110	276
DN-19 09-U-S	135257	profile rails on the front part	9	grey	7035	448	520	400	15	100	110	276
DN-19 12-U-S	135432	profile rails on the front part	12	grey	7035	581	520	400	17,6	100	110	276

SoHo slim Wallmount Cabinets

The DIGITUS® Slim Line wall mount cabinets are ideal housings for active and passive 483mm (19") components. The installation is easy and saves time. The elegant design fits into every modern office or home. Four mounting positions possible.

- 483mm (19") device mounting capacity for 5U: 3U horizontal and 2U vertical
- Lockable Safety-glass door with steel frame
- Strong sheet steel with high load capacity, powder coated
- Ventilation slots for active and passive ventilation and exhaustion
- Protection rating IP 20

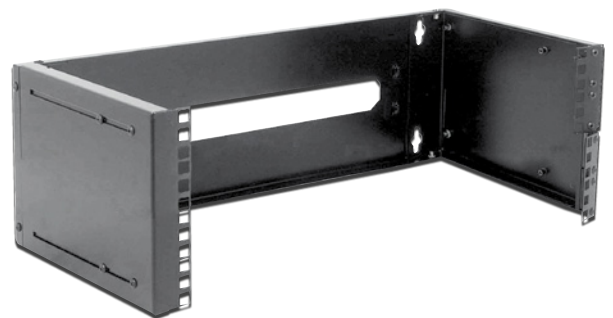


200109 / DN-19 04U-PB
Wallmount cabinet, grey RAL 7016

Wallmounting patch bracket

The DIGITUS® Wall mounting patch brackets are economical solutions for the safe installation of 483mm (19") components. The depth of the mounting rails is adjustable, which offers variable mounting possibilities.

- 2mm strong sheet steel with high load capacity, powder coated
- 483mm (19") Profile rails adjustable in depth up to 350mm
- Bracket width: 530mm
- Delivered in flat package



205982 / DN-19 PB-2U
Patch Bracket 2U, 530x350mm, Color grey RAL 7035

205999 / DN-19 PB-4U
Patch Bracket 4U, 530x350mm, Color grau RAL 7035

206002 / DN-19 PB-8U
Patch Bracket 8U, 530x350mm, Color grey RAL 7035

257325 / DN-19 PB-2U-SW
Patch Bracket 2U, 530x350mm, Color black RAL 9005

250371 / DN-19 PB-4U-SW
Patch Bracket 4U, 530x350mm, Color black RAL 9005

228806 / DN-19 PB-8U-SW
Patch Bracket 8U, 530x350mm, Color black RAL 9005

Data Center **31 – 61**

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Roof Mounting Air Conditioner 43
Shelves 48
Accessories 53



Solutions for Data Center

Cabinets



Type: Free-Standing IP20, Black RAL 9005

Width x Depth: 600x1000mm. / 600x1100mm. / 600x1200mm.
 Width x Depth: 800x1000mm. / 800x1100mm. / 800x1200mm.
 Heights: 42U, 47U

Material:

Sheet steel
 Enclosure frame-closed form:1.5mm.,
 Door(s):2mm.,
 Top Cover:1.5mm.,
 Bottom Cover:2mm.,
 Side panels:1.5mm.
 Gland plates, three part:1.2mm.
 Mounting angles:1.5mm.
 C-rails:1.5mm.
 Perforated panels:1.2mm

Surface Finish:

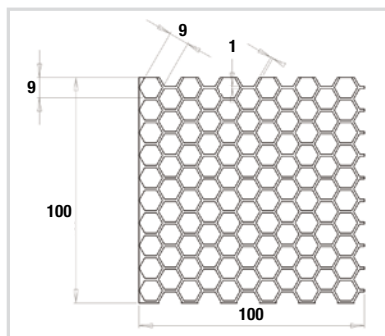
Enclosure frame, doors, cover, panels:
 Powder coated RAL9005 textured.
 Mounting angles, C-rails, cable trays:
 Zinc-plated.

Protection Category:

IP20 to EN60529

Shipping Includes:

Enclosure of all-around solid construction(1ea.)
 80% perforated front door(1ea.)
 80% perforated rear door(1ea.)
 Divided side panels(2ea.)
 Top cover (1ea.)
 Gland plate at bottom(3parts=1set)
 Door hinges(6set)
 3point locking system at front and rear,
 convenient to use half cylinder(2set)
 mounting angles (2ea. at front, 2ea. at rear.)
 All earthing points (on every panel.)
 Fixing materials for inner parts(1set)



80% Perforated

Optimum cooling and air flow to the servers; with 80% honeycomb perforation as standard delivery.



Load Carrying Capacity



Cabinets	42U		47U	
	600mm	800mm	600mm	800mm
Width				
Depth				
1000mm	DN-97000	DN-97010	DN-97020	DN-97030
1100mm	DN-97001	DN-97011	DN-97021	DN-97031
1200mm	DN-97002	DN-97012	DN-97022	DN-97032

Plinths	
600mm	800mm
DN-97200	DN-97203
DN-97201	DN-97204
DN-97202	DN-97205

Solutions for Data Center Cabinets



Type: Free-Standing IP54, Black RAL 9005

Width x Depth: 600x1000mm. / 600x1100mm. / 600x1200mm.
 Width x Depth: 800x1000mm. / 800x1100mm. / 800x1200mm.
 Heights: 42U, 47U

Material:

Sheet steel
 Enclosure frame-closed form:1.5mm.,
 Door(s):2mm.,
 Top Cover:1.5mm.,
 Bottom Cover:2mm.,
 Side panels:1.5mm.
 Gland plates, three part:1.2mm.
 Mounting angles:1.5mm.
 C-rails:1.5mm.
 Glass: 4mm.

Surface Finish:

Enclosure frame, doors, cover, panels: Powder coated RAL9005 textured.
 Mounting angles, C-rails, cable trays: Zinc-plated.

Protection Category:

IP54 to EN60529; thanks to foamed-in door sealing gasket and sturdy structure.

Shipping Includes:

Enclosure of all-around solid construction(1ea.)
 Secure glass front door in solid metal frame or completely solid front door (1ea.)
 Rear door foamed with sealing gasket (1ea.)
 Side panels foamed with sealing gasket (2ea.)
 Top cover foamed with sealing gasket (1ea.)
 Gland plate at bottom(3parts=1set)
 Door hinges(6set)
 3point locking system at front and rear, convenient to use half cylinder(2set)
 mounting angles (2ea. at front, 2ea. at rear.)
 All earthing points (on every panel.)
 Fixing materials for inner parts(1set)
 Castor Group, Levelling Feet(1set)

Excellent Cooling Applications for IP54! High Performance by Heavy Duty Framework!



1200 kg Load Carrying Capacity

Excellent Cooling Applications for IP54

Side cooler unit for closed loop cooling system up to 30KW. Individual applications by AC cooling units.

High Performance by Heavy Duty Framework

The multi-folded frames are in closed structure form, gives high level of stability and load carrying capacity, fully welded front and rear frames to provide up to 1200kg. Load rating.



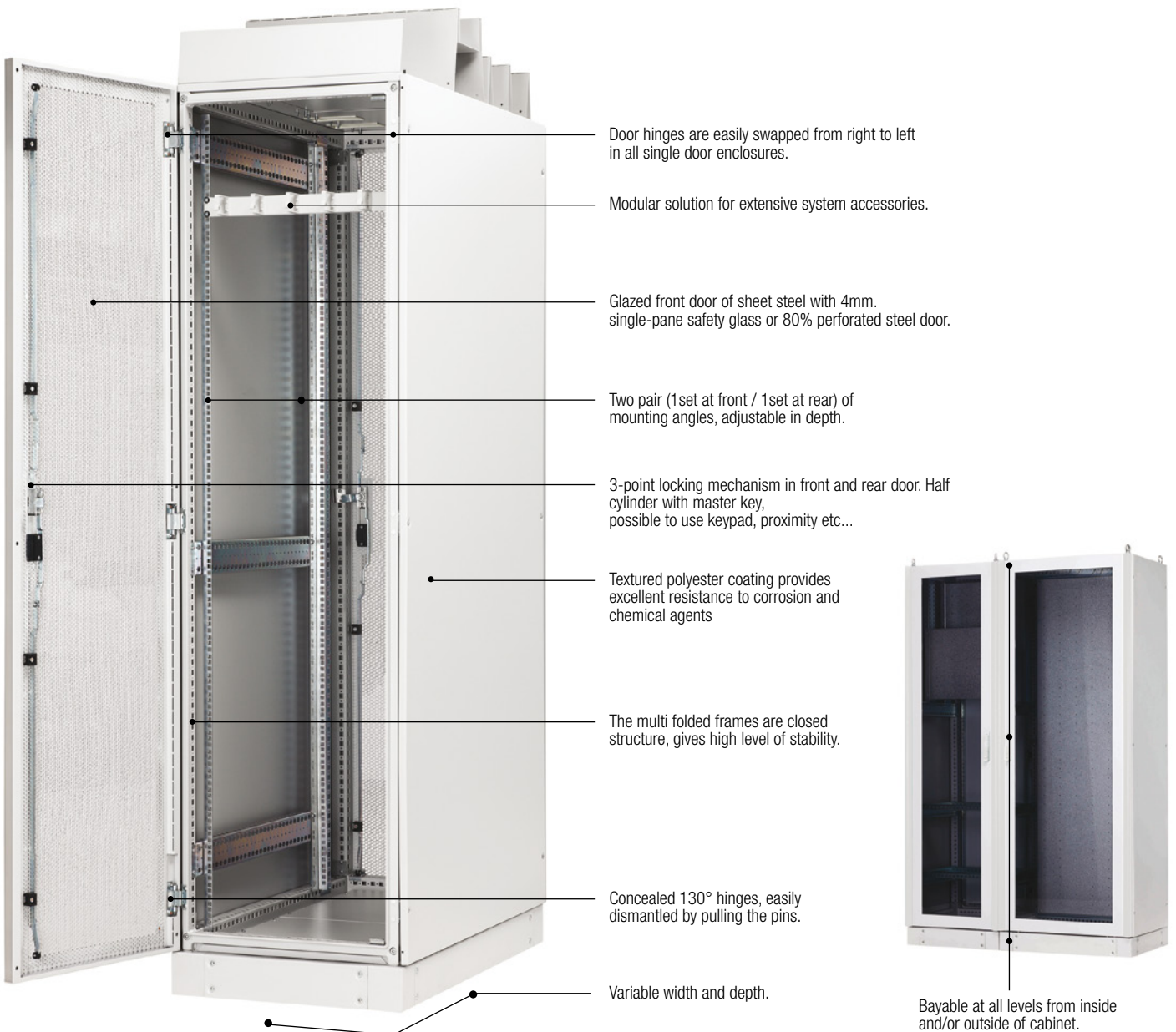
Cabinets	42U		47U	
	600mm	800mm	600mm	800mm
Width				
Depth				
1000mm	DN-97100	DN-97110	DN-97120	DN-97130
1100mm	DN-97101	DN-97111	DN-97121	DN-97131
1200mm	DN-97102	DN-97112	DN-97122	DN-97132

Plinths	
600mm	800mm
DN-97200	DN-97203
DN-97201	DN-97204
DN-97202	DN-97205

Solutions for Data Center

Cabinets

Feature Set



Solutions for Data Center Cabinets



Perforated single or double door opening at rear.



Extra depth bring more space for cable management and cooling.

Divided side panels for easy mounting

Housing for recessed vertical power strips and cable trays

Vertically arranged perforated mounting strips at rear for quick, easy attachment of cable supports, cable trunking, stiffeners and covers.

Ready for PE conductor connection on the enclosure and door with contact washers.

Adjustable levelling feets, and/or castor group and plinth.

Thanks to design structure and hinges providing of more inner cabinet space.

Options: special colour, special mounting plate, special sizes, glazed door.

The roof plate is secured with removable eyebolts and/or screws

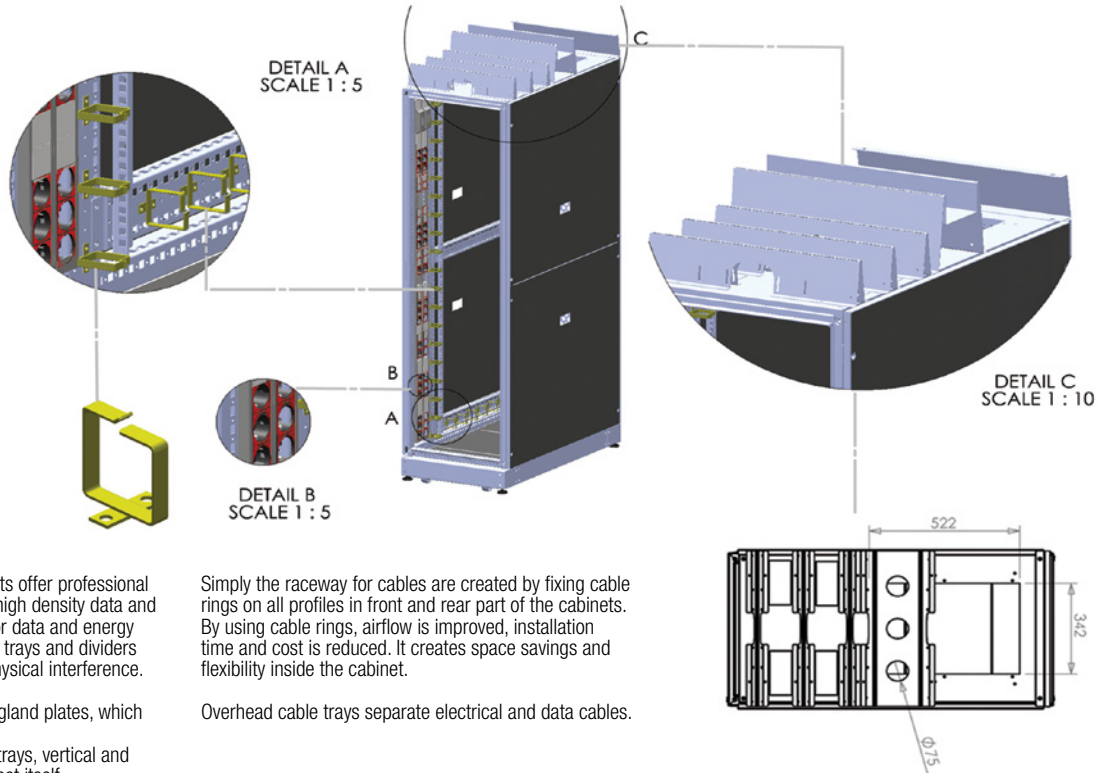
Ample Variety for Accessories

U marking on mounting angles.



Solutions for Data Center

Cable Management



DIGITUS® Data Center Server Cabinets offer professional and highly secured management of high density data and power cables. Separate cable inlet for data and energy cables, and separate overhead cable trays and dividers minimize the electromagnetic and physical interference.

Bottom cable entry is designed with gland plates, which can be removed.

Cable rings can be used in all cable trays, vertical and horizontal C-rails, framework of cabinet itself .

Simply the raceway for cables are created by fixing cable rings on all profiles in front and rear part of the cabinets. By using cable rings, airflow is improved, installation time and cost is reduced. It creates space savings and flexibility inside the cabinet.

Overhead cable trays separate electrical and data cables.

Cable Management on Cabinet Roof

274926 / DN-97603

Cable separator on Cabinet Roof (each) h=120mm, w=600mm

274933 / DN-97604

Cable separator on Cabinet Roof (each) h=120mm, w=800mm

274940 / DN-97605

Front Label Plate (each) h=120mm, w=600mm

274957 / DN-97606

Front Label Plate (each) h=120mm, w=800mm

274964 / DN-97607

Cable Tray on Cabinet Roof (each) h=200mm, w=600mm (useful dimension for cabling: w=600mm, d=150mm, h=80mm)

274971 / DN-97608

Cable Tray on Cabinet Roof (each) h=200mm, w=800mm (useful dimension for cabling: w=800mm, d=150mm, h=80mm)

Cable Management Inside Cabinet

274728 / DN-97640

42U Vertical Cable tray for Data Center cabinets

274735 / DN-97641

47U Vertical Cable tray for Data Center cabinets

274766 / DN-97642

42U Vertical Cable holder for Data Center cabinets

274759 / DN-97643

47U Vertical Cable holder for Data Center cabinets

170488 / DN-19 ORG-1

Ring for cable management 44 x 60mm (1 Set = 10 pieces)

170495 / DN-19 ORG-2

Ring for cable management 44 x 100mm (1 Set = 10 pieces)



Solutions for Data Center

Air Corridor System



Roof Modules

274810 / DN-97314
Polycarbonate, Black frame RAL 9005, 600x1200mm

274889 / DN-97315
Polycarbonate, Black frame RAL 9005, 800x1200mm

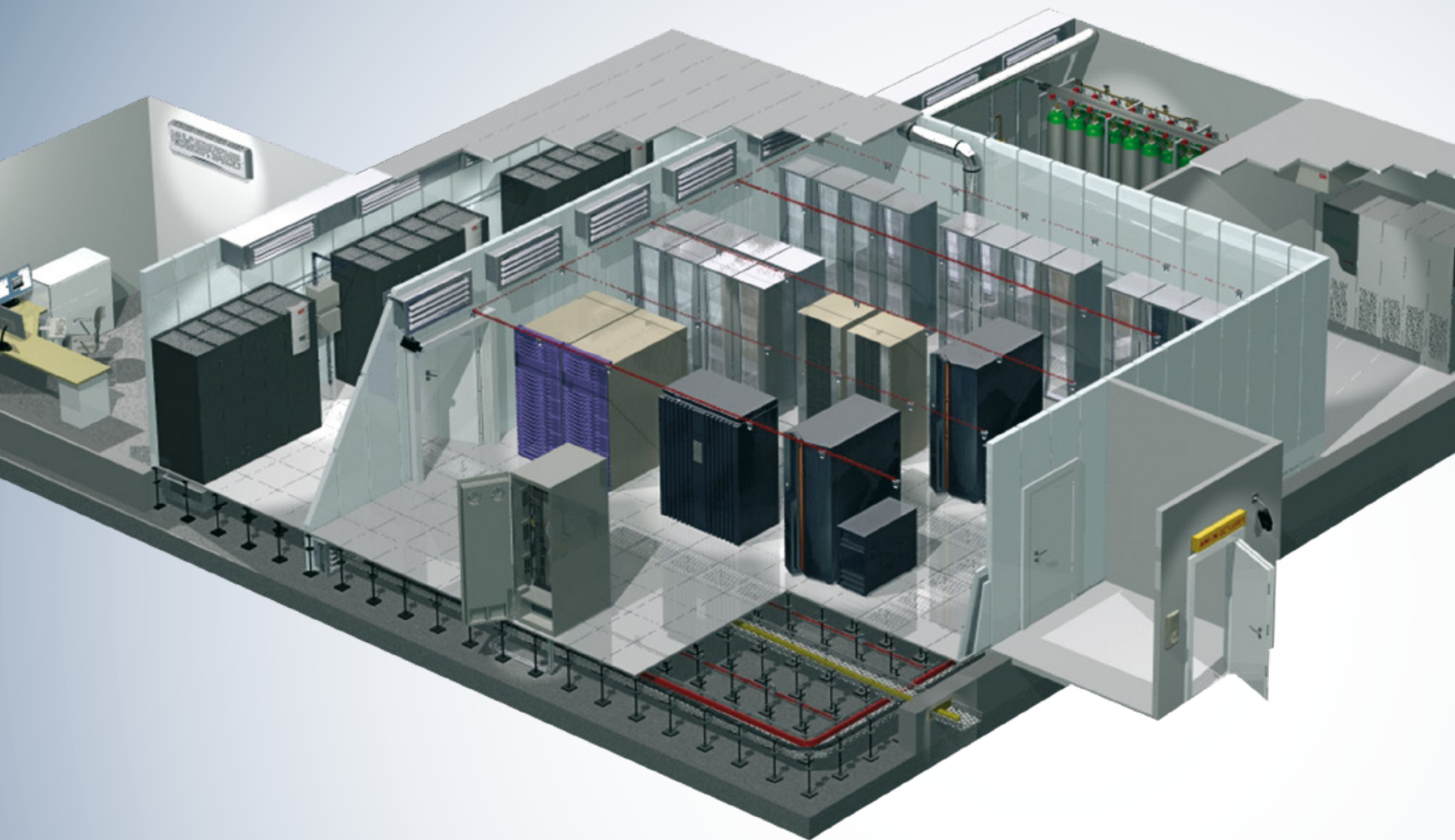
Door Modules

274896 / DN-97316
Door with Keypad controlled opening, 1200x2000mm

274902 / DN-97317
Door with Button controlled opening, 1200x2000mm

274919 / DN-97318
Door with manual opening, 1200x2000mm

Solutions for Data Center IT Cooling



Energy efficient and proper cooling for your datacenter

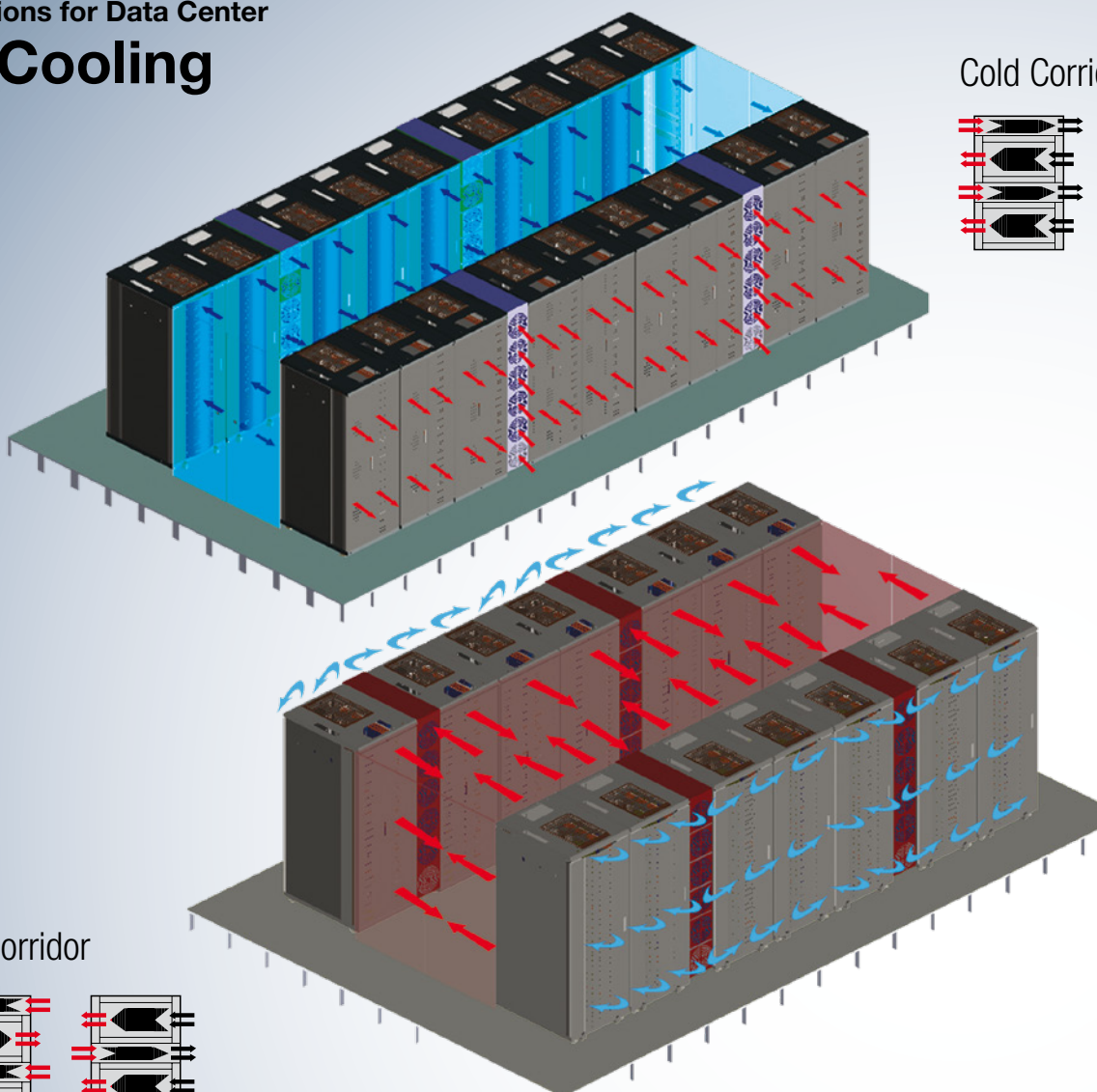
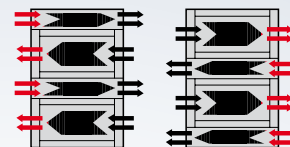
DIGITUS® Datacenter IT Cooling Solution ensures maximum IT availability at minimum running costs. The power usage effectiveness in the datacenter indicates that approximately 45% of the total incoming power is utilised by cooling and cooling related equipment.

By understanding the dynamics of the datacentre ecosystem, DIGITUS® Datacenter IT Cooling Solution offers the proper and energy efficient cooling with its wide product range such as water chilled sidecoolers, in-row coolers, heat removal units, cold aisle containment etc.

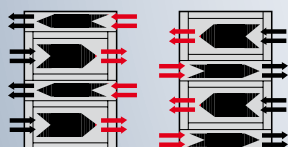
Solutions for Data Center

IT Cooling

Cold Corridor



Hot Corridor



In-Row Cooling (in a cold/hot aisle containment)

To serve for cooling and/or enhancing the cooling capacity of a cold aisle containment, In Row Coolers are utilised. The water chilled solution increases the cooling efficiency and can easily cope with thermal loads upto 30 kW. These units are situated in-between the racks and provide proper airflow paths by preventing exhaust air recirculating to IT equipment. The unit captures heat directly from the hot aisle and distributes cool air to the cold aisle. The heat rejection can be handled by an existing chilled water system. The modular solution serve scalable cooling capacity growth.

Benefits/Features:

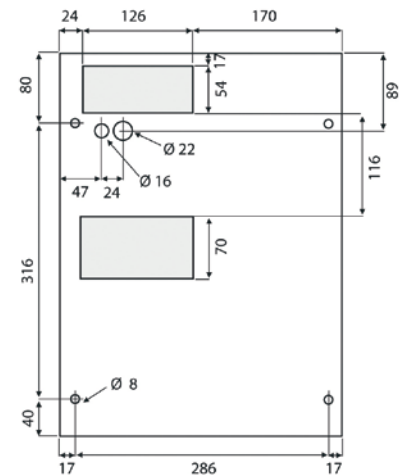
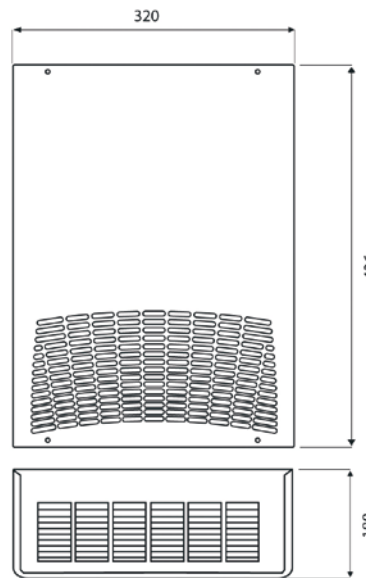
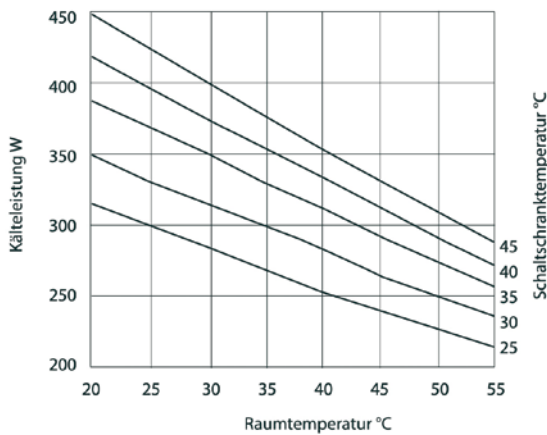
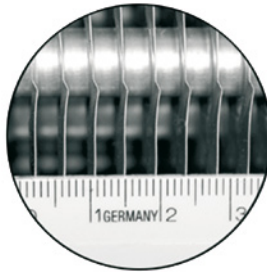
- Liquid cooling
- Enhanced cooling capacity
- Easy installation / maintenance
- Managed cooling with integration availability
- to any control system

Wall mounting air conditioner 436 x 320 x 180



- Condenser coated hydrophobical (lotus effect)
- (large lamellar spacings helping to avoid infiltration of dirt and humidity)
- Powder coated steel sheet, zinc plated frame
- Ball bearing fans
- Protection type IP 54
- Mechanical thermostat with 4 K switching hysteresis
- Adjustable temperature range +25 °C to +45 °C (preset at +35 °C)
- Permissible ambient temperature range +20 °C to +55 °C
- Maintenance-free / without filter
- (filter insertion must be checked at extreme ambient conditions)
- CFC free (environment friendly refrigerant R134 a)
- Drainage tube in base
- Connection lead, length 3m
- Included in delivery: drilling template (1:1), operating manual, test report, gasket, mounting screws
- Approvals: CE

Options:
Other colours
Air deflector ACADEF 03

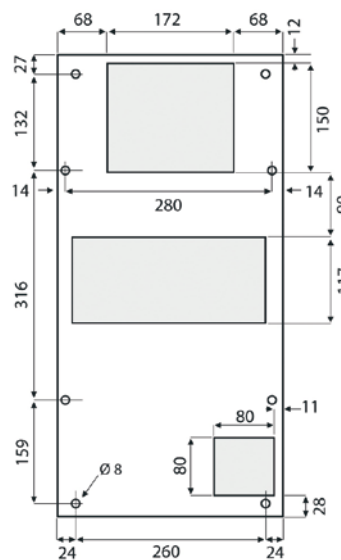
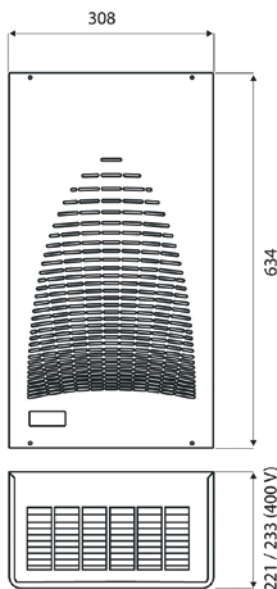
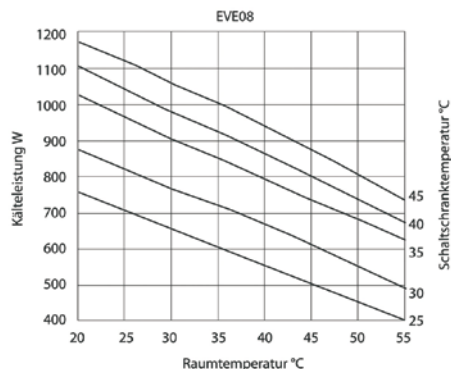
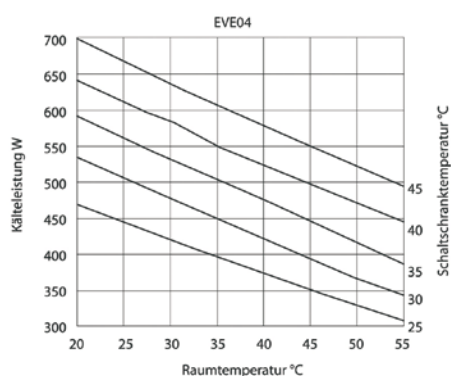
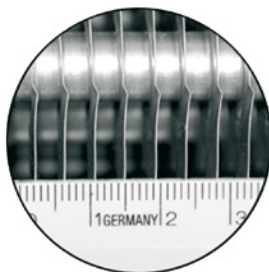


Type	cooling capacity W		voltage V / ph / Hz	current max. A	starting current- max. A	power consumpti- on W at L35/L50	air volume (inside) m ³ / h	noise level db(A)	weight kg
	L35/L35	L35/L50							
DN-97321	330	270	230 / 1 / 50-60	1,4	5,0	240	164,0	60	17,0

Wall mounting air conditioner 634 x 308 x 221(233)

- Condenser coated hydrophobical (lotus effect)
- (large lamellar spacings helping to avoid infiltration of dirt and humidity)
- Powder coated steel sheet, zinc plated frame
- Ball bearing fans
- Protection type IP 54
- With electronic control and temperature display (ECB)
- Adjustable temperature range +25 °C to +45 °C (preset at +35 °C)
- Permissible ambient temperature range +20 °C to +55 °C
- Maintenance-free / without filter
- (filter insertion must be checked at extreme ambient conditions)
- CFC free (environment friendly refrigerant R134 a)
- Drainage tube in base
- Connection via clamps
- Included in delivery: drilling template (1:1), operating manual, test report, gasket, mounting screws
- Approvals: CE, CUL

Options:
 Other colours
 Stainless steel design OCAVI 04 (not in CUL-version)
 Air deflector ACADEF 08
 Mounting frame
 Air filter



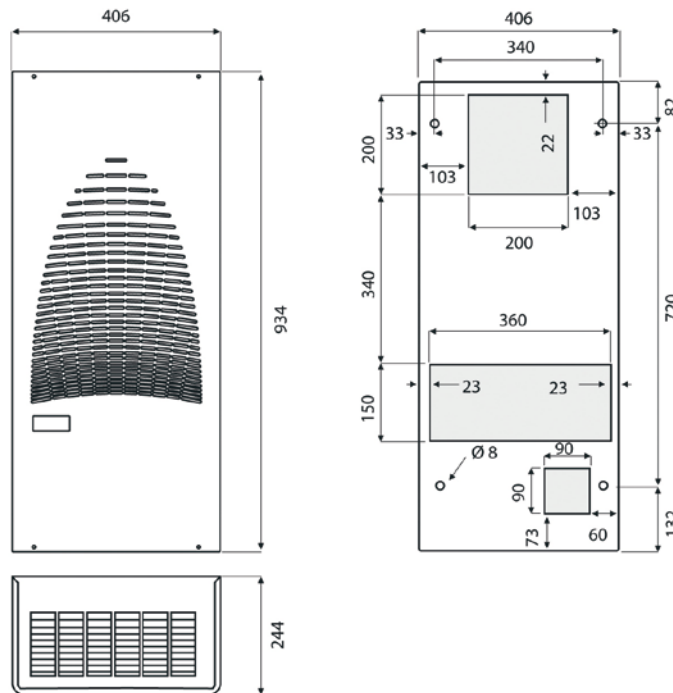
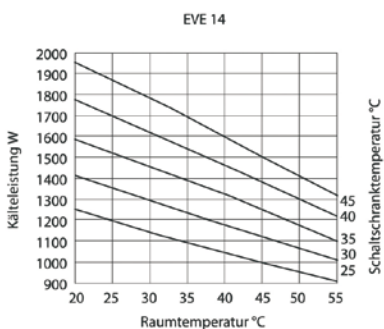
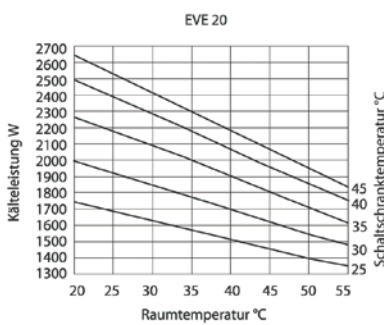
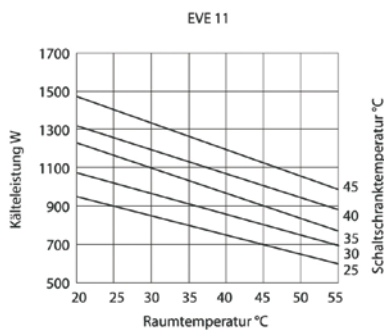
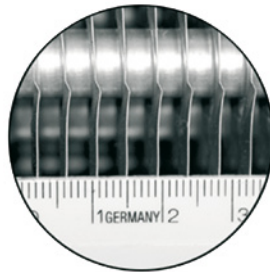
Type	cooling capacity W		voltage V / ph / Hz	current max. A	starting current max. A	power consumption W at L35/L50	air volume (inside) m ³ /h	noise level db(A)	weight kg
	L35/L35	L35/L50							
DN-97319	500	410	230 / 1 / 50-60	2,0	15,0	324	290,0	65	23,0
DN-97320	850	620	230 / 1 / 50-60	2,8	15,0	415	330,0	65	26,0



Wall mounting air conditioner 934 x 406 x 244

- Condenser coated hydrophobical (lotus effect)
- (large lamellar spacings helping to avoid infiltration of dirt and humidity)
- Powder coated steel sheet, zinc plated frame
- Ball bearing fans
- Protection type IP 54
- With electronic control and temperature display (ECB)
- Adjustable temperature range +25 °C to +45 °C (preset at +35 °C)
- Permissible ambient temperature range +20 °C to +55 °C
- Maintenance-free / without filter
- (filter insertion must be checked at extreme ambient conditions)
- CFC free (environment friendly refrigerant R134 a)
- Standard condensate evaporator
- Connection via clamps
- Included in delivery: drilling template (1:1), operating manual, test report, gasket, mounting screws
- Approvals: CE, CUL

Options:
Other colours
Stainless steel design OCAVI 11
Air deflector ACADEF 14
Mounting frame
Air filter



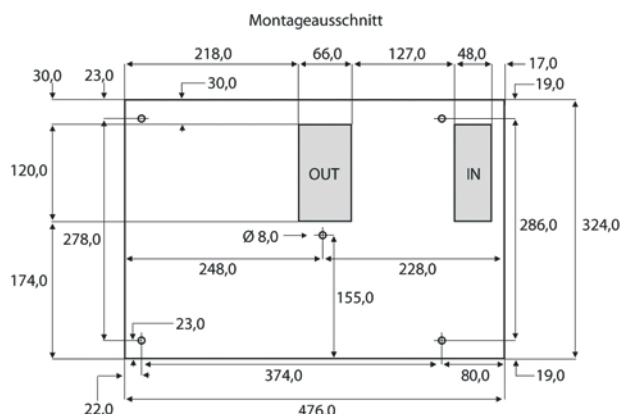
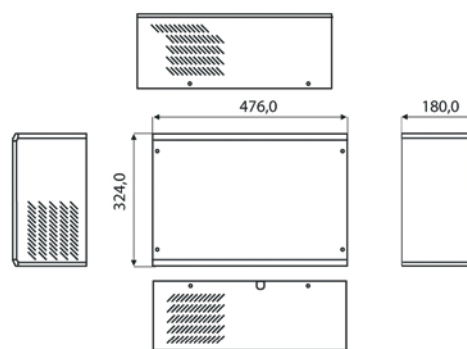
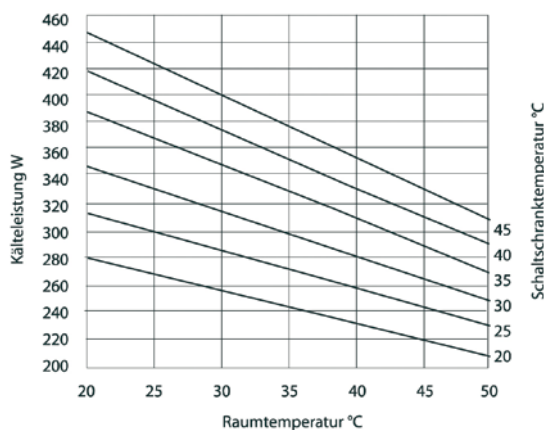
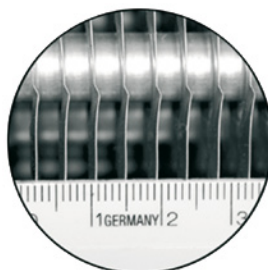
Type	cooling capacity W		voltage V / ph / Hz	current max. A	starting current max. A	power consumption W at L35/L50	air volume (inside) m³ / h	noise level db(A)	weight kg
	L35/L35	L35/L50							
DN-97325	1.400	1.170	230 / 1 / 50-60	5,0	17,0	939	575,0	65	42,0

Roof mounting air conditioner 476 x 324 x 180



- Powder coated steel sheet, zinc plated frame
- Ball bearing fans
- Protection type IP 54
- Mechanical thermostat with 4 K switching hysteresis
- Adjustable temperature range +25 °C to +45 °C (preset at +35 °C)
- Permissible ambient temperature range +20 °C to +55 °C
- Maintenance-free / without filter
- CFC free (environment friendly refrigerant R134 a)
- Drainage tube at rear *
- Connection lead, length 3m
- Included in delivery: drilling template (1:1), operating manual, test report, gasket, mounting screws
- Approvals: CE

Options:
Other colours

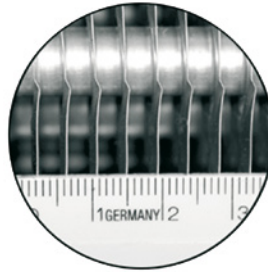


Type	cooling capacity W		voltage V / ph / Hz	current max. A	starting current max. A	power consumption W at L35/ L50	air volume (inside) m ³ /h	noise level db(A)	weight kg
	L35/L35	L35/L50							
RAL 7032									
DN-97322	330	270	230 / 1 / 50-60	1,4	5,0	240	164,0	60	17,0

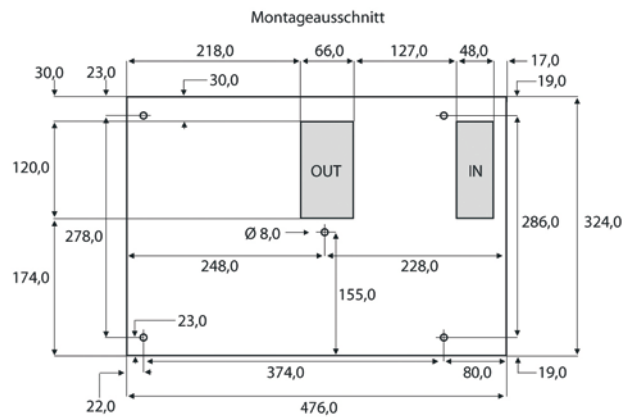
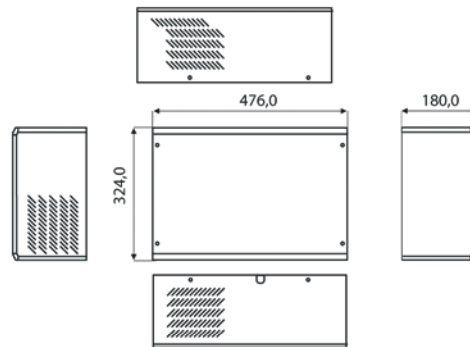
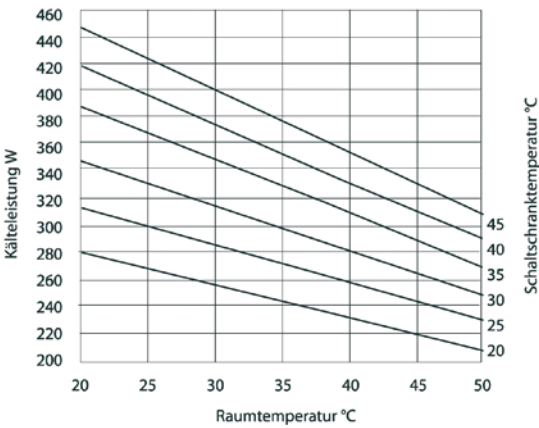
Roof mounting air conditioner 600 x 320 x 330



- Powder coated steel sheet, zinc plated frame
- Ball bearing fans
- Protection type IP 54
- Mechanical thermostat with 4 K switching hysteresis
- Version 6001 with electronic control and temperature display
- Adjustable temperature range +25 °C to +45 °C (preset at +35 °C)
- Permissible ambient temperature range +20 °C to +55 °C
- Maintenance-free / without filter
- CFC free (environment friendly refrigerant R134 a)
- Drainage tube at rear *
- Safety system:
 - Floating switch with potential-free contact in the condensate collecting tank
 - Connection lead, length 3m, 2. lead for signal switch/floating switch
- Included in delivery: drilling template (1:1), operating manual, test report,
- gasket, mounting screws
- Approvals: CE



Options
Other colours
Stainless steel version OCAHI 06
Air filter



Type	cooling capacity W		voltage V / ph / Hz	current max. A	starting current- max. A	power consump- tion W at L35/L50	air volume (inside) m³ / h	noise level db(A)	weight kg
	L35/L35	L35/L50							
DN-97323	600	510	230 / 1 / 50-60	1,8	16,0	455	164,0	65	35,0
DN-97324	900	760	230 / 1 / 50-60	2,7	15,0	468	345,0	65	38,0

Don't underestimate
the importance of
your Data Center!



Professional

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Roof Cooling Unit for DIGITUS® Server Cabinets



Suitable for mounted DIGITUS® 19" server cabinets. For heat dissipation of the cabinets.

- Noise level: 47dBm
- Thermostat adjustable from 0 - 35 degrees C
- On/Off Switch
- Color light grey, RAL 7035
- Air flow 9.2m³/Hrs. Air flow
- Dimensions (HxWxD) 45 x 380 x 520 mm



182955 / DN-19 FAN-4-1000-N
Cooling Unit with 4 fans, grey color RAL 7035

182948 / DN-19 FAN-6-1000-N
Cooling Unit with 6 fans, grey color RAL 7035

Roof Cooling Unit for DIGITUS® Server Cabinets



Suitable for mounted DIGITUS® 19" server cabinets. For heat dissipation of the cabinets.

- Noise level: 47dBm
- Thermostat adjustable from 0 - 35 degrees C
- On/Off Switch
- Color black, RAL 9005
- Air flow 9.2m³/Hrs. Air flow
- Dimensions (HxWxD) 45 x 380 x 520 mm



189534 / DN-19 FAN-4-1000SW-N
Cooling Unit with 4 fans, black color RAL 9005

183471 / DN-19 FAN-6-1000SW-N
Cooling Unit with 6 fans, black color RAL 9005

Roof Cooling Unit for DIGITUS® Networking Cabinets



Suitable for DIGITUS® 19" network cabinets. For heat dissipation of the cabinets.

- For installation into top-floor module
- Noise level: 47dBm
- Thermostat adjustable from 0 - 35 degrees C
- On/Off Switch
- Air flow 4.6m³/Hrs. Air flow
- Dimensions (HxWxD) 65 x 440 x 400 mm



135302 / DN-19 FAN-2
Cooling Unit with 2 fans, grey color RAL 7035

135319 / DN-19 FAN-4
Cooling Unit with 4 fans, grey color RAL 7035

192794 / DN-19 FAN-2-SW
Cooling Unit with 2 fans, black color RAL 9005

186830 / DN-19 FAN-4-SW
Cooling Unit with 2 fans, black color RAL 9005

Roof Cooling Unit for dismantled DIGITUS® Network & Server Cabinets



Suitable for unmounted DIGITUS® 19" network and server cabinets. For heat dissipation of the cabinets.

- For installation into top-floor module
- 4 Fans
- Noise level: 47dBm
- Thermostat adjustable from 0 - 35 degrees C
- On/Off Switch
- Color light grey, RAL 7035
- Air flow 9.2m³/Hrs. Air flow
- Dimensions (HxWxD) 44 x 340 x 410 mm



178057 / DN-19 FAN-4-EC
Cooling Unit with 4 fans, grey color RAL 7035

Roof Cooling unit for DIGITUS® Wallmounting Cabinets



Suitable for mounted and unmounted DIGITUS® Wall mounting cabinets and unmounted network and server cabinets. For heat dissipation of the cabinets.

- For installation into top-floor module
- 2 Fans
- Noise level: 47dBm
- Thermostat adjustable from 0 - 35 degrees C
- On/Off Switch
- Color light grey, RAL 7035
- Air flow 4.6m³/Hrs. Air flow
- Dimensions (HxWxD) 44 x 350 x 190 mm



158752 / DN-19 FAN-2-WM-T
Cooling Unit with 2 fans, grey color RAL 7035

Rackmount Cooling Unit



Suitable for all DIGITUS® Cabinets. For heat dissipation of the cabinets.

- For installation into top-floor module
- 2 Fans
- Noise level: 47dBm
- Thermostat adjustable from 0 - 35 degrees C
- On/Off Switch
- Color light grey, RAL 7035
- Air flow 4.6m³/Hrs. Air flow
- Dimensions (HxWxD) 44 x 483 x 150 mm



174240 / DN-19 FAN-2-HO
Rackmount Cooling Unit with 2 fans, grey RAL 7035

174868 / DN-19 FAN-4-HO
Rackmount Cooling Unit with 4 fans, grey RAL 7035

Vertical Rear Door Cooling Unit for mounted 42U DIGITUS® Server Cabinets



Suitable for 42U DIGITUS® Server cabinets with a width of 600mm.

- For vertical installation into the rear door of the cabinet
- 6 Fans
- Thermostat adjustable from 0 - 35 degrees C
- Air flow 13.8m³/Hrs. Air flow



205913 / DN-19 FAN-6-42U
For Cabinets with 600mm width, 6 fans, grey color RAL 7035

205906 / DN-19 FAN-6-42U-SW
For Cabinets with 600mm width, 6 fans, black color RAL 9005

205920 / DN-19 FAN-8-42U
For Cabinets with 800mm width, 6 fans, grey color RAL 7035

205937 / DN-19 FAN-8-42U-SW
For Cabinets with 800mm width, 6 fans, black color RAL 9005

Rackmount Cooling Unit



Suitable for all DIGITUS® Cabinets. For heat dissipation of the cabinets.

- For installation into top-floor module
- 2 Fans
- Noise level: 47dBm
- Thermostat adjustable from 0 - 35 degrees C
- On/Off Switch
- Color black, RAL 9005
- Air flow 4.6m³/Hrs. Air flow
- Dimensions (HxWxD) 44 x 483 x 150 mm



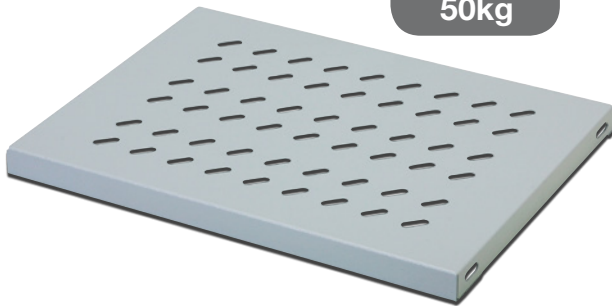
185789 / DN-19 FAN-2-HO-SW
Rackmount Cooling Unit with 2 fans, black color RAL 9005

189909 / DN-19 FAN-4-HO-SW
Rackmount Cooling Unit with 4 fans, black color RAL 9005

Shelves for DIGITUS® Network Cabinets



Up to 50kg



- Fixed mounted
- Perforated sheet steel
- Load carrying capacity: up to 50kg
- Complete with fixing material
- Color light grey, RAL 7035
- Loading capacity 50 Kg
- Units 1
- Dimensions (HxWxD) 30 x 465 x 345 mm



276067 / DN-97615
Shelf, 1 U, WxDxH 465x345x30mm

276029 / DN-97611
Shelf, 1 U, WxDxH 465x525x30mm

Shelves for DIGITUS® Network Cabinets



Up to 50kg



- Four fixing points fit at the sites of the rear and front mounting angles
- Fixed mounted
- Perforated sheet steel
- Complete with fixing material
- Color black, RAL 9005
- Loading capacity 50 Kg
- Units 1
- Dimensions (HxWxD) 30 x 465 x 345 mm



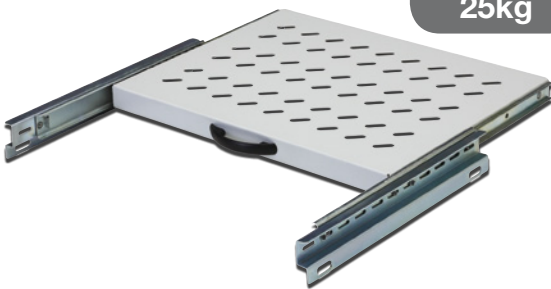
192954 / DN-19 TRAY-1-600SW
Shelf, 1 U, WxDxH 465x345x30mm

147305 / DN-19 TRAY-1-800-SW
Shelf, 1 U, WxDxH 465x525x30mm

Sliding Shelves for DIGITUS® Network Cabinets



Up to 25kg



- Four fixing points fit at the sites of the rear and front mounting angles
- Extractable, with handle bar
- Perforated sheet steel
- Complete with fixing material
- Color light grey, RAL 7035
- Loading capacity 25 Kg
- Units 1
- Dimensions (HxWxD) 30 x 465 x 345 mm



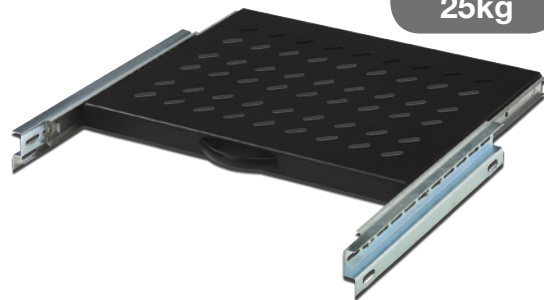
135456 / DN-19 TRAY-2-600
Shelf, 1 U, WxDxH 465x345x30mm

135470 / DN-19 TRAY-2-800
Shelf, 1 U, WxDxH 465x525x30mm

Sliding Shelves for DIGITUS® Network cabinets



Up to 25kg



- Four fixing points fit at the sites of the rear and front mounting angles
- Extractable, with handle bar
- Perforated sheet steel
- Complete with fixing material
- Color black, RAL 9005
- Loading capacity 25 Kg
- Units 1
- Dimensions (HxWxD) 30 x 465 x 345 mm



149446 / DN-19 TRAY-2-600-SW
Shelf, 1 U, WxDxH 465x525x30mm

183495 / DN-19 TRAY-2-800-SW
Shelf, 1 U, WxDxH 465x525x30mm

Shelves for DIGITUS® Network and Server Cabinets



Up to 100kg



- Four fixing points fit at the sites of the rear and front mounting angles
- Fixed mounted
- Perforated sheet steel
- Complete with fixing material
- Color light grey, RAL 7035
- Loading capacity 100 Kg
- Units 1
- Dimensions (HxWxD) 50 x 483 x 720 mm



135487 / DN-19 TRAY-1-1000
Shelf, 1U, WxDxH 483x720x50mm

Shelves for DIGITUS® Network and Server Cabinets



Up to 100kg



- Four fixing points fit at the sites of the rear and front mounting angles
- Fixed mounted
- Adjustable depth
- Perforated sheet steel
- Complete with fixing material
- Color black, RAL 9005
- Loading capacity 100 Kg
- Units 1
- Dimensions (HxWxD) 50 x 483 x 720 mm



147312 / DN-19 TRAY-1-1000-SW
Shelf, 1U, WxDxH 483x720x50mm

Shelves for DIGITUS® Network and Server Cabinets



Up to 50kg



- Fixed mounted
- Perforated sheet steel
- Load carrying capacity: up to 50kg
- Complete with fixing material
- Color light grey, RAL 7035
- Loading capacity 50 Kg
- Units 1
- Dimensions (HxWxD) 50 x 483 x 720mm



206026 / DN-19 TRAY-1-1000-EC
Shelf, 1U, WxDxH 483x720x50mm

Shelve for DIGITUS® Network and Server Cabinets



Up to 50kg



- Fixed mounted
- Perforated sheet steel
- Load carrying capacity: up to 50kg
- Complete with fixing material
- Color black, RAL 9005
- Loading capacity 50 Kg
- Units 1
- Dimensions (HxWxD) 50 x 483 x 720mm

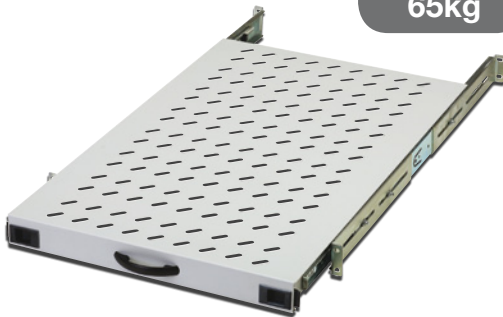


262480 / DN-19 TRAY1-1000-ECB
Shelf, 1U, WxDxH 483x720x50mm

Sliding Shelves for DIGITUS® Network and Server Cabinets



Up to
65kg



- Four fixing points fit at the sites of the rear and front mounting angles
- Extractable, with handle bar
- Adjustable depth
- Perforated sheet steel
- Complete with fixing material
- Color light grey, RAL 7035
- Loading capacity 65 Kg
- Units 1
- Dimensions (HxWxD) 50 x 483 x 720 mm



135494 / DN-19 TRAY-2-1000
Shelf, 1 U, WxDxH 483x720x50mm

Sliding Shelves for DIGITUS® Network and Server Cabinets



Up to
65kg



- Four fixing points fit at the sites of the rear and front mounting angles
- Extractable, with handle bar
- Adjustable depth
- Perforated sheet steel
- Complete with fixing material
- Color black, RAL 9005
- Loading capacity 65 Kg
- Units 1
- Dimensions (HxWxD) 50 x 483 x 720 mm

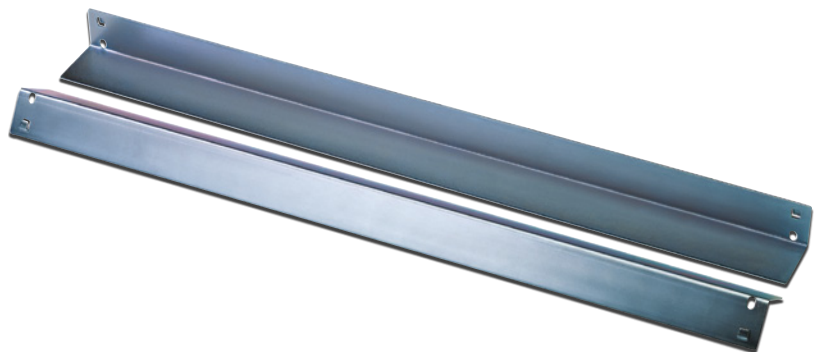


180401 / DN-19 TRAY-2-1000SW
Shelf, 1 U, WxDxH 483x720x50mm

Slide Rails for DIGITUS® Server Cabinets



- Four fixing points fit at the sites of the rear and front mounting angles
- Fixed mounted
- Sheet steel
- Galvanised
- Load carrying capacity: 100kg
- Package: 2 pieces
- Complete with fixing material
- U 1



161707 / DN-19 GS
Slide rail, DxWxH in mm 715x65x44

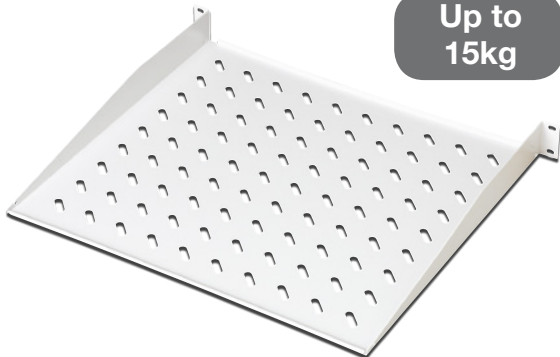
174295 / DN-19 GS-800
Slide rail, DxWxH in mm 490x60x44

226437 / DN-19 GS-600
Slide rail, DxWxH in mm 330x60x44

Shelves for DIGITUS® Cabinets



Up to
15kg



- Fixing at mounting angles
- Fixed mounted
- Perforated sheet steel
- Complete with fixing material
- Color grey, RAL 7035
- Loading capacity 15 Kg
- Units 1



275084 / DN-97609
Shelf, 1 U, WxDxH 483x250x44mm

205364 / DN-19 TRAY-1-400
Shelf, 1 U, WxDxH 483x400x44mm

Shelves for DIGITUS® Cabinets



Up to
15kg



- Fixing at mounting angles
- Fixed mounted
- Perforated sheet steel
- Complete with fixing material
- Color black, RAL 9005
- Loading capacity 15 Kg
- Units 1



185772 / DN-19 TRAY-1-SW
Shelf, 1 U, WxDxH 483x250x44mm

245704 / DN-19 TRAY-1-400-SW
Shelf, 1 U, WxDxH 483x400x44mm

Shelves for DIGITUS® Cabinets



Up to
25kg



- Fixing at mounting angles
- Fixed mounted
- Perforated sheet steel
- Complete with fixing material
- Color grey, RAL 7035
- Loading capacity 25 Kg
- Units 2



275091 / DN-97610
Shelf, 2U, WxDxH 483x370x88mm

206033 / DN-19 TRAY-2-55
Shelf, 2 U, WxDxH 483x550x88mm

Shelves for DIGITUS® Cabinets



Up to
25kg



- Fixing at mounting angles
- Fixed mounted
- Perforated sheet steel
- Complete with fixing material
- Color black, RAL 9005
- Loading capacity 25 Kg
- Units 2



222613 / DN-19 TRAY-2-SW
Shelf, 2U, WxDxH 483x370x88mm

256830 / DN-19 TRAY-2-55-SW
Shelf, 2 U, WxDxH 483x550x88mm

Plinth for DIGITUS® 19" Cabinets

Appropriate for DIGITUS® 19" network and server cabinets. Raises the cabinets about 100mm from the ground. Internal space is used for storage of cable bundles and for cable management. Max. 2 plinths can be connected to reach a height of 200mm.

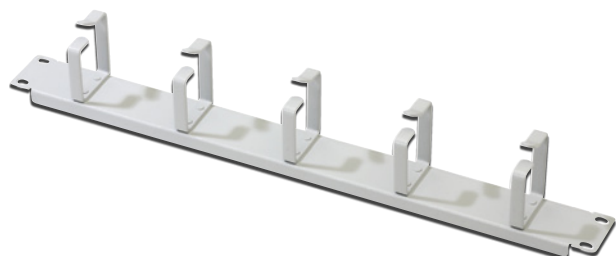


- Easy to install among the cabinets
- Sheet steel
- Height: 100mm
- Removable side panels
- Rear side panel with brush cable entry



	grey RAL 7035	black RAL 9005	for unmounted server cabinets
600x600mm	DN-19 PLINTH-6/6 135401	DN-19 PLINTH-6/6-SW 254614	DN-19 PLINTH-6/6-ECO 211150
600x800mm	DN-19 PLINTH-6/8 135418	DN-19 PLINTH-6/8-SW 245698	DN-19 PLINTH-6/8-ECO 187769
600x1000mm Server Cabinets	DN-19 PLINTH-6/10 201786	DN-19 PLINTH-6/10-SW 231097	
600x1000mm Network Cabinets	DN-19 PLINTH-6/10-N 276937		
800x1000mm Network Cabinets	DN-19 PLINTH-8/10-N 267362		
800x800mm	DN-19 PLINTH-8/8 135425	DN-19 PLINTH-8/8-SW 241782	
800x1000mm Server Cabinets	DN-19 PLINTH-8/10 201779	DN-19 PLINTH-8/10-SW 221449	

Cable Management Panel for DIGITUS® Cabinets



- Fixing at 483mm mounting angles
- Sheet steel
- 5 cable clamps, 40x60 mm (1U), 80x60 mm (1U)
- Color grey RAL 7035
- Dimensions: (WxDxH) 483x80x44mm



266440 / DN-97601
Cable Management, 1U, WxDxH 483x80x44mm

Cable Management Panel for DIGITUS® Cabinets

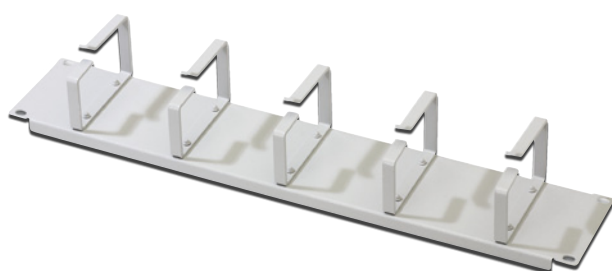


- Fixing at 483mm mounting angles
- Sheet steel
- 5 cable clamps, 40x60 mm (1U), 80x60 mm (1U)
- Color grey RAL 7035
- Dimensions: (WxDxH) 483x80x44mm



173007 / DN-97602
Cable Management, 1U, WxDxH 483x80x44mm

Cable Management Panel for DIGITUS® Cabinets



- Fixing at mounting angles
- Sheet steel
- 5 cable clamps, 80x60mm



135388 / DN-19 ORG-2U
Management Panel, 2U, WxDxH in mm 483x80x88

246138 / DN-19 ORG-2U-SW
Cable Management 2U, WxDxH in mm 483x80x88

Cable Management Rings for DIGITUS® Cabinets



- Sheet steel
- Inclusive fixing for mounting on the profile



170488 / DN-19 ORG-1
Cable Management Ring, Size of the ring 44 X 60 mm, Set = 10pc., grey RAL 7053

170495 / DN-19 ORG-2
Cable Management Ring, Size of the ring 44 X 100 mm, Set = 10pc., grey RAL 7035

170501 / DN-19 ORG-3
Cable Management Ring, Size of the ring 70 X 150 mm, Set = 10pc., grey RAL 7035

240853 / DN-19 ORG-1-SW
Size of the Ring 44 X 60 mm, Set = 10pcs., black RAL 9005

1U Cable Management Cage

Provides a neat cable management and improves passive cooling

- Fixing at mounting angles
- Sheet steel
- Removable front shield
- Color grey RAL 7035

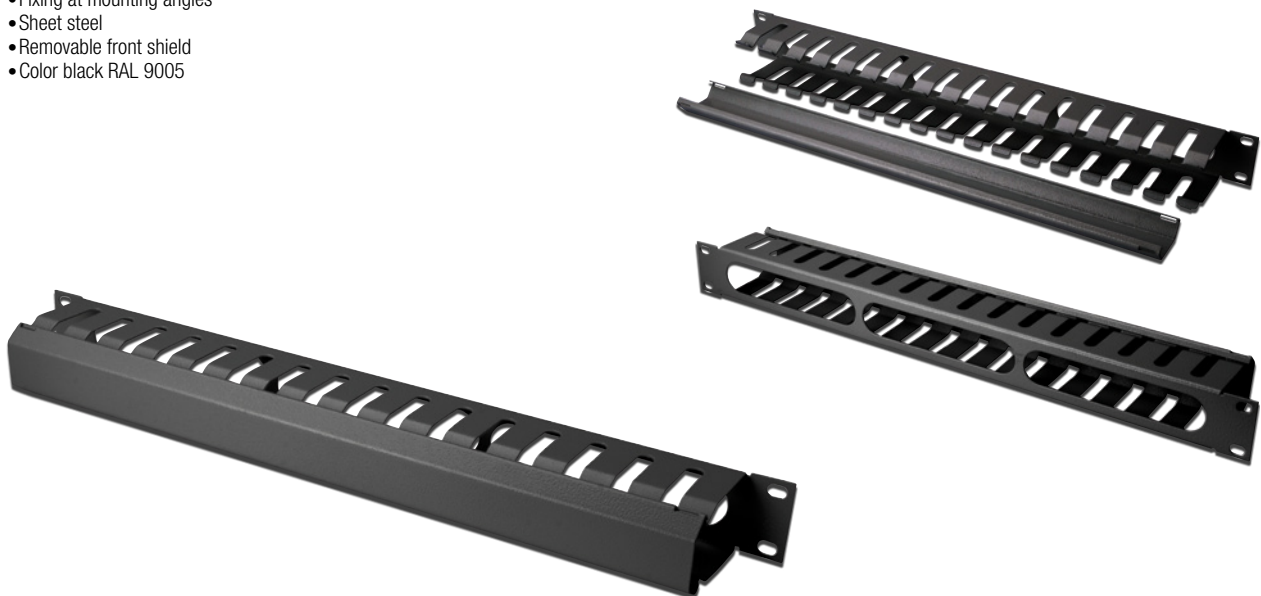


279204 / DN-97616
1U Cable Management Cage

1U Cable Management Cage

Provides a neat cable management and improves passive cooling

- Fixing at mounting angles
- Sheet steel
- Removable front shield
- Color black RAL 9005



279211 / DN-97617
1U Cable Management Cage

Cable Management Panel



- Fixing at mounting angles
- Sheet steel
- Access hole with edge protection
- Size of the access hole: HxW 30x400mm
- Rear shelf WxD 480x120mm
- Complete with fixing material
- Color light grey, RAL 7035
- Units 1
- Dimensions (HxWxD) 44 x 483 x 124 mm



135395 / DN-19 ORG-3U
Management Panel, WxDxH 483x124x44mm

Cable Management Panel



- Fixing at mounting angles
- Sheet steel
- Access hole with edge protection
- Size of the access hole: HxW 30x400mm
- Rear shelf WxD 480x120mm
- Complete with fixing material
- Color black, RAL 9005
- Units 1
- Dimensions (HxWxD) 44 x 483 x 124 mm



197089 / DN-19 ORG-3U-SW
Management Panel, WxDxH 483x124x44mm

Cable fixing Rails for DIGITUS® Cabinets



- Fixing at mounting angles
- Depth of cabinets: 800 and 1000mm
- Sheet steel
- Complete with fixing material
- Dimensions (HxWxD) 44 x 679 x 10 mm



163473 / DN-19 ORG-1S
Cable Clamp Rail, WxDxH 679x10x44 mm

Cable fixing Rails for DIGITUS® Cabinets



- Fixing at mounting angles
- Depth of cabinets: 800 and 1000mm
- Sheet steel
- Complete with fixing material
- Dimensions (HxWxD) 44 x 500 x 10 mm



190547 / DN-19 ORG-2S
Cable Clamp Rail, WxDxH 500x10x44 mm

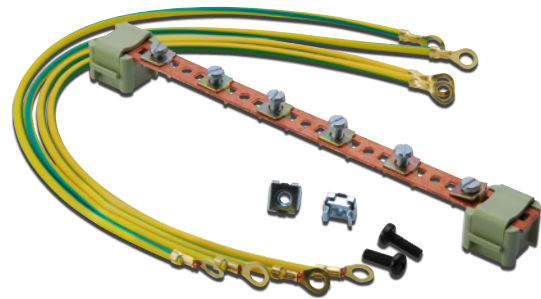
Fixing set for 483mm (19") Components



- Screws
- Caged nuts
- Set = 50 sets



Potential equalisation Panel for DIGITUS® Cabinets



Suitable for all DIGITUS® 19" cabinets. For grounding of all installed components.

- Copper busbar
- 6 earthing leads



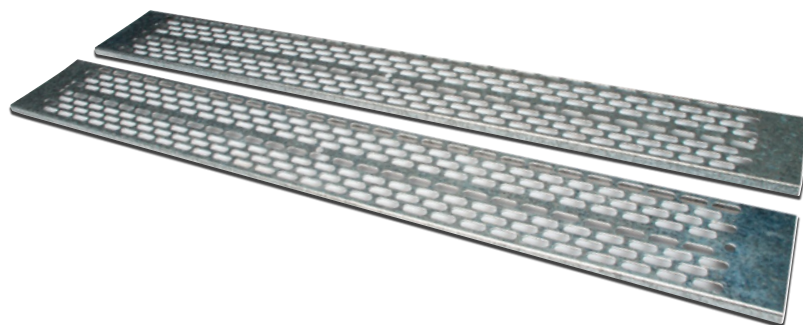
265658 / DN-19 SET
Fixing set, Size M6



142027 / DN-19 EARTH
Rowed connection set

Cable tray for DIGITUS® Network & Server Cabinets

- Vertical installation
- Fixed mounting
- Perforated
- Galvanized sheet steel



256854 / DN-19 TRAY-3-16U
Cable tray DxHxW in mm 10x662x103

256922 / DN-19 TRAY-3-20U
Cable tray DxHxW in mm 10x840x103

256915 / DN-19 TRAY-3-22U
Cable tray DxHxW in mm 10x929x103

256908 / DN-19 TRAY-3-26U
Cable tray DxHxW in mm 10x1107x103

256892 / DN-19 TRAY-3-32U
Cable tray DxHxW in mm 10x1373x103

256885 / DN-19 TRAY-3-36U
Cable tray DxHxW in mm 10x1551x103

256878 / DN-19 TRAY-3-42U
Cable tray DxHxW in mm 10x1684x103

256861 / DN-19 TRAY-3-47U
Cable tray DxHxW in mm 10x1813x103

Mounting Angels for DIGITUS® Cabinets



Fixing left and right at the frame of the cabinets

- Galvanized sheet steel
- Set = 2 pcs.



255444 / DN-19 MA-16U
16 U, WxDxH 31x54x714 mm

255420 / DN-19 MA-22U
22 U, WxDxH 31x54x981 mm

255413 / DN-19 MA-26U
26 U, WxDxH 31x54x1159 mm

247739 / DN-19 MA-32U
32 U, WxDxH 31x54x1425 mm

247470 / DN-19 MA-42U
42 U, WxDxH 31x54x1870 mm

Cable Duct for DIGITUS® Cabinets

From top to bottom, it is suitable to carry cable bundles through the vertical axis of DIGITUS® Network cabinets. Including holes, which allows to pass the cables in different levels. A sliding cover hides and protects the cable bundle. Adapted for DIGITUS® Network cabinets with a width of 800mm.

- To fix at the top and the bottom of the cabinet
- Sliding cover
- Holes as cable outlets
- 32U
- Suitable on left and right side

Network Cabinets

	grey RAL 7035	black RAL 9005
32U	DN-19 CD-32 257073	DN-19 CD-32-SW 257141
36U	DN-19 CD-36 257158	DN-19 CD-36-SW 257165
42U	DN-19 CD-42 257172	DN-19 CD-42-SW 257189
47U	DN-19 CD-47 257196	DN-19 CD-47-SW 257202

Cable Management Panel for DIGITUS® Network Cabinets



Applicable on the left and the right side of the mounting angles in DIGITUS® network cabinets with a width of 800mm. Suitable for controlled managing of patch cables.

- To fix at the top and the bottom of the cabinet, beside the mounting angles
- Hinged cover
 - Sheet steel
- Holes to pass the patch cables
 - Set (2 pcs. le. and ri.)



256939 / DN-19 ORG-32U
32U, 94mm x 94mm x 1450mm (W x D x H), grey, RAL 7035

256946 / DN-19 ORG-32U-SW
32U, 94mm x 94mm x 1450mm (W x D x H), black, RAL 9005

256953 / DN-19 ORG-36U
36U, 94mm x 94mm x 1620mm (W x D x H), grey, RAL 7035

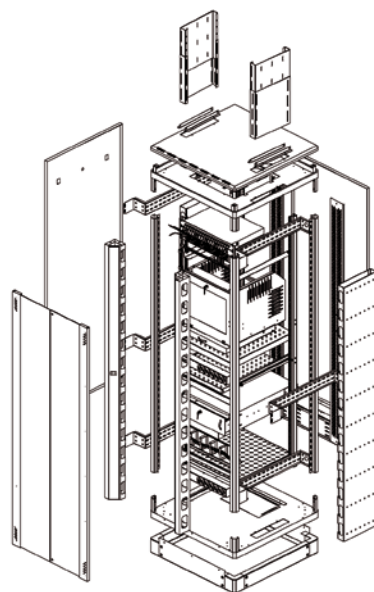
246800 / DN-19 ORG-36U-SW
36U, 94mm x 94mm x 1620mm (W x D x H), black, RAL 9005

249757 / DN-19 ORG-42U
42U, 94mm x 94mm x 1893mm (W x D x H), grey, RAL 7035

246817 / DN-19 ORG-42U-SW
42U, 94mm x 94mm x 1893mm (W x D x H), black, RAL 9005

256960 / DN-19 ORG-47U
47U, 94mm x 94mm x 2116mm (W x D x H), grey, RAL 7035

256977 / DN-19 ORG-47U-SW
47U, 94mm x 94mm x 2116mm (W x D x H), black, RAL 9005



Server Cabinets

	grey RAL 7035	black RAL 9005
42U	DN-19 CD-SRV-42 257219	DN-19 CD-SRV-42-SW 257226
47U	DN-19 CD-SRV-47 257233	DN-19 CD-SRV-47-SW 257257

Blank Panels for Network- and Server Cabinets



- Fixing at mounting angles
- Sheet steel
- Color grey RAL 7035



276036 / DN-97612 Blank Panel, 1U, WxDxH in mm 483x12x44
276043 / DN-97613 Blank Panel, 2U, WxDxH in mm 483x12x88
184553 / DN-19 BPN-03 Blank Panel, 3U, WxDxH in mm 483x12x133
254706 / DN-19 BPN-04 Blank Panel, 4U, WxDxH in mm 483x12x177
254713 / DN-19 BPN-05 Blank Panel, 5U, WxDxH in mm 483x12x222
254720 / DN-19 BPN-06 Blank Panel, 6U, WxDxH in mm 483x12x266

Blank Panels for Network- and Server Cabinets

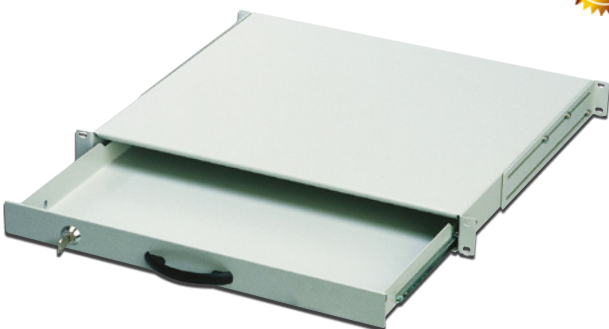


- Fixing at mounting angles
- Sheet steel
- Color black RAL 9005



171713 / DN-19 BPN-01-SW Blank Panel, 1U, WxDxH in mm 483x12x44
171720 / DN-19 BPN-02-SW Blank Panel, 2U, WxDxH in mm 483x12x88
178460 / DN-19 BPN-03-SW Blank Panel, 3U, WxDxH in mm 483x12x133
185710 / DN-19 BPN-04-SW Blank Panel, 4U, WxDxH in mm 483x12x177
185727 / DN-19 BPN-05-SW Blank Panel, 5U, WxDxH in mm 483x12x222
254737 / DN-19 BPN-06-SW Blank Panel, 6U, WxDxH in mm 483x12x266

Keyboard Drawer for DIGITUS® Network & Server Cabinets



- Fixing at mounting angles
- Lockable
- Extractable
- Inner size: WxD 420x390mm
- Inclusive fixing for mounting on the profile
- Color light grey, RAL 7035
- Loading capacity 25 Kg
- Units 1
- Dimensions (HxWxD) 44 x 483 x 400 mm



135340 / DN-19 KEY-1U Keyboard Drawer, WxDxH 483x400x44 mm, RAL 7035
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Keyboard Drawer for DIGITUS® Network & Server Cabinets



- Fixing at mounting angles
- Lockable
- Extractable
- Inner size: WxD 420x390mm
- Inclusive fixing for mounting on the profile
- Color black, RAL 9005
- Loading capacity 25 Kg
- Units 1
- Dimensions (HxWxD) 44 x 483 x 400 mm



158516 / DN-19 KEY-1U-SW Keyboard Drawer, WxDxH 483x400x44 mm, black color RAL 9005

Document Storage for Network & Server Cabinets, 2U



- Fixing at mounting angles
- Extensible
- Lockable
- Incl. fixing for mounting
- Color grey, RAL 7035
- Load capacity 25 Kg
- Units 2
- Dimensions (HxWxD) 88x483x400mm



254751 / DN-19 KEY-2U
Document Storage, WxDxH 485x480x88mm, grey RAL 7035

Document Storage for Network & Server Cabinets, 2U



- Fixing at mounting angles
- Extensible
- Lockable
- Incl. fixing for mounting
- Color black, RAL 9005
- Load capacity 25 Kg
- Units 2
- Dimensions (HxWxD) 88x483x400mm



254775 / DN-19 KEY-2U-SW
Document Storage, WxDxH 485x480x88 mm, black RAL 9005

Document Storage for Network & Server Cabinets, 3U



- Fixing at mounting angles
- Extensible
- Lockable
- Incl. fixing for mounting
- Color grey, RAL 7035
- Load capacity 25 Kg
- Units 3
- Dimensions (HxWxD) 134x483x400mm



161714 / DN-19 KEY-3U
Document Storage, WxDxH 485x480x134mm, grey RAL 7035

Document Storage for Network & Server Cabinets, 3U



- Fixing at mounting angles
- Extensible
- Lockable
- Incl. fixing for mounting
- Color black, RAL 9005
- Load capacity 25 Kg
- Units 3
- Dimensions (HxWxD) 134x483x400mm



169444 / DN-19 KEY-3U-SW
Document Storage, WxDxH 485x480x134mm, black RAL 9005

Lockable Castors for DIGITUS® Cabinets



- Set = 4 pcs.
- Load capacity per castor: 250kg
- 2x lockable
- Rotating
- Dimensions (HxWxD) 80 x 70 x 80 mm



135296 / DN-19 CASTOR
Lockable Castors WxDxH 70x80x80 mm

Lockable Castors for dismantled DIGITUS® free standing Cabinets



- Set = 4 pcs.
- Load capacity per castor: 250kg
- 2x lockable
- Rotating
- Dimensions (HxWxD) 80 x 70 x 80 mm



168423 / DN-19 CASTOR-WB
Lockable Castors WxDxH 70x80x80 mm

Levelling Feet for DIGITUS® Network Cabinets

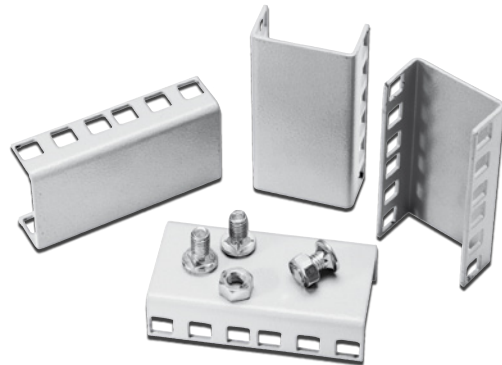


- Set = 4 pcs.
- Foot: PVC
- Load capacity per foot: 250kg



193623 / DN-19 FEET
Levelling Feet for Network Cabinets

Connection Kit for DIGITUS® Network Cabinets



- Connection at the vertical uprights
- Steel
- Galvanised
- Set = 4 pcs. with screws
- Dimensions (HxWxD) 23 x 46 x 130 mm



162384 / DN-19 BGL
Connection Kit WxDxH in mm 46x130x23

218258 / DN-19 BGL-SRV
Rowed Connection set for Server Cabinets

Swing Arm Handhold for DIGITUS® Network Cabinets



Suitable for DIGITUS® 483mm (19") network cabinets

- Mounting in doors
- Prepared to use profile half cylinder



179245 / DN-19 PHS
Swing arm Handhold for Network Cabinets

222002 / DN-19 PHS-SRV
Swing arm Handhold for Server Cabinets

Lighting Fixture



- Incl. door switch
- 220V / 11W
- Fluorescent lamp included in delivery
- Aluminum profile
- Schuko outlet, including circuit breaker



240655 / DN-19 LIGHT
Lighting Fixture

10U Portable Rack



Specially designed for mobile use and customer presentations.

- Stable tempered metal construction
- Easy to install and simple to operate
- Additional equipment with feet possible
- Delivery without fixing material
- DJ and PA rack
- Color black, RAL 9005
- Load capacity 10
- Units 570 x 500 x 50 mm
- Dimensions (HxWxD) 3 kg



308027 / DN-19 MRACK-10U
Portable Rack 10U

Fan for DIGITUS® Cabinets



- Mounting in fan units
- Air flow: 2.3m³ per minute
- Noise level: 47dBm
- Color black, RAL 9005
- Dimensions (HxWxD) 37 x 120 x 120 mm



194422 / DN-19 FAN
Fan for Cabinets WxDxH 120x120x37 mm

Everybody's worried about climate change. Not him!

The IP 55 series withstands even the most severe conditions. Thanks to its sophisticated technology, it is resistant to spray water and other foreign bodies.

The cabinets of the "DIGITUS® IP 55" series are ideally suitable for servers and switches even in climatically problematic locations. The careful design ensures protection of the installed components, at the same time offering the high strength of the standard IP55.

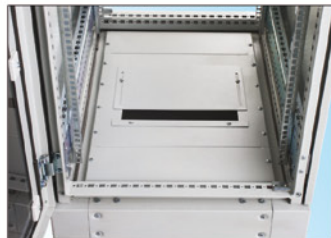
The special profile structure, in combination with the surrounding seal, provides optimum protection according to IP55. A large cable inlet with rubber-edged sliding mechanism allows even large numbers of cables to be fed in without problems.



DN-19 42U46/6



frame structure with foamed in door



cable entry with slide mechanism



Professional

www.digitus-professional.com

254mm (10") Network Components

10" Network Components

63 – 64

10" Network Components..... 63



254mm (10") Wall Mounting Cabinet System



- Stable housing for wall or standing installation of 1.1mm thick steel sheet
- Attractive, assembly-friendly housing for the office area
- Two 10" snap-in bars front, cable entrance with brush strip from bottom and top
- Single pane safety-glass door
- Housing complete grounded
- Inclusive screws

- Color light grey, RAL 7035
- Units 6
- Load capacity 30 Kg
- Dimensions (HxWxD) 314mm x 520mm x 400mm



139829 / DN-10 05-U
Wallmount Cabinet 6U, 315 x 255 x 291mm, 12kg

254mm (10") Shelf



- Perforated sheet steel
- Complete with fixing material
- Fixing at the front 10" profiles
- Color: light grey, RAL 7035



139836 / DN-10 TRAY-1
Shelf, 1U, RAL7035

CAT 6 Patch Panel



- Tested according to Link Performance Class E, for up to 250MHz, ISO/IEC 11801 and EN 50173
- Shielded RJ45 sockets, 8P8C
- Cable installation via LSA strips, color codes based on EIA/TIA 568B
- Fixing option for cable ties, central ground connection
- Suitable for 254mm (10") Rack Mount
- Material housing: SECC, 1,5mm Electrogalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110

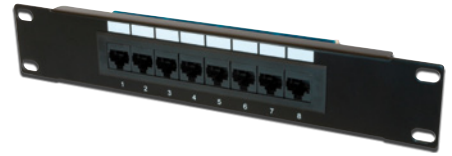
- Category CAT 6
- Color black, RAL 9005
- Units 1



241577 / DN-91608S
8-port, Shielded, Rack Mount

241591 / DN-91612S
12-port, Shielded, Rack Mount

CAT 5e Patch Panel



- ISO/IEC 11801 and EN 50173
- RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568B
- Screw-type strain relief, fixing option for cable ties and central ground connection
- Suitable for 254mm (10") Rack Mount
- Material housing: SECC, 1,5mm Electrogalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110

- Category CAT 5e
- Color black, RAL 9005
- Units 1



241430 / DN-91508U
8-port, Unshielded

241447 / DN-91512U
12-port, Unshielded

10" Cable Management Panel



- Suitable for 254mm (10") wall- and stand alone cabinets.
- 1 Unit (44.45mm)
- Material: Metal
- Color grey RAL 7035
- Dimensions (HxWxD) 44 x 254 x 60 mm



147176 / DN-10 ORG-1U
1U with 3 Rings

Outlet Strip with Aluminium Profile, 3 Outlets



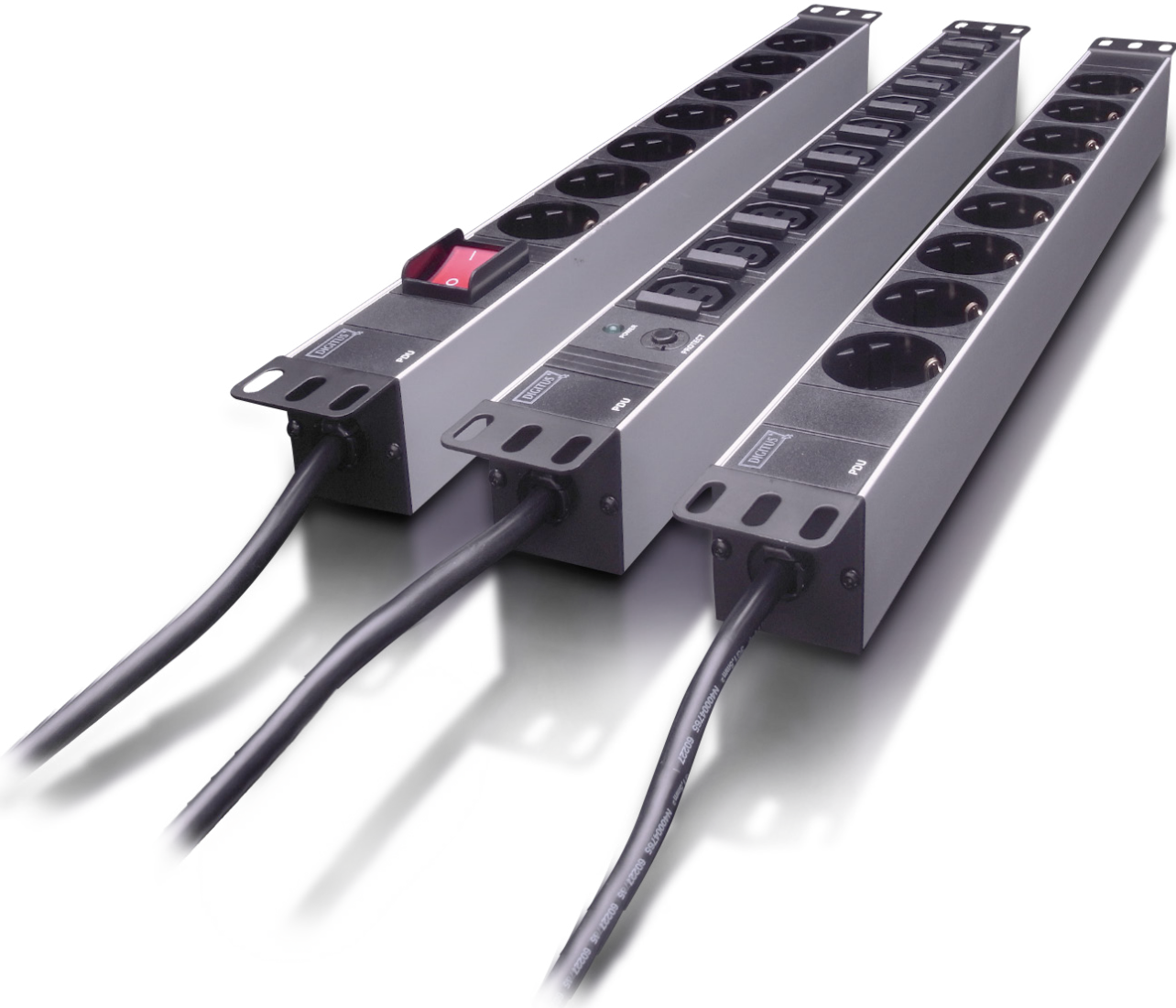
- 3 Socket outlets 250VAC 50/60Hz / 16A / 4000W
- Aluminium profile
- 35° turned outlets
- 2 metal fixings included for 254mm (10") Rack Mount
- Cable: 2m H05VV-F 3G1,5mm²
- Right angle Schuko plug with double earthing



280712 / DN-95411
Outlet Strip with Aluminium Profile, 3 Outlets

Strips 65 – 76

Outlet Strips..... 65



Outlet Strip with Aluminium Profile, 8 Outlets

- 8 Socket outlets 250VAC 50/60Hz / 16A / 4000W
- Aluminium profile
- 35° turned outlets
- 2 metal fixings included
- Cable: 2m H05VV-F 3G1,5mm²
- Right angle Schuko plug with double earthing



266396 / DN-95401

Outlet Strip with Aluminium Profile, 8 Outlets

Aluminium Outlet Strip with Switch, 7 Outlets

- 7 Socket outlets 250VAC 50/60Hz / 16A / 4000W
- Aluminium profile
- 35° turned outlets
- Illuminated switch - protected against accidental power off
- 2 metal fixings included
- Cable: 2m H05VV-F 3G1,5mm²
- Right angle Schuko plug with double earthing



266402 / DN-95402

Aluminium Outlet Strip with Switch, 7 Outlets

Aluminium Outlet Strip with Overload Protection, 7 Outlets

- 7 Socket outlets 250VAC 50/60Hz / 16A / 4000W
- Aluminium profile
- 35° turned outlets
- Overload protection
- Switch - protected against accidental power off
- 2 metal fixings included
- Cable: 2m H05VV-F 3G1,5mm²
- Right angle Schuko plug with double earthing



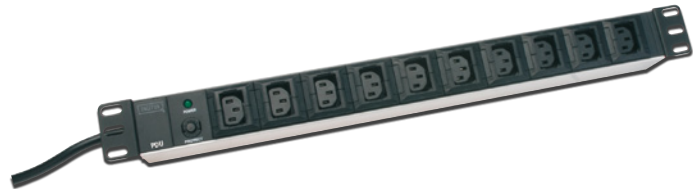
266419 / DN-95403

Aluminium Outlet Strip with Overload Protection, 7x Outlets

Aluminium IEC C13 Outlet Strip, 10 Outlets

Professional and reliable power supply for IEC plugs

- 10 IEC C13 Socket outlets 250VAC 50/60Hz / 10A / 2500W
- Aluminium profile
- Overload protection
- 2 metal fixings included
- Cable: 2m H05VV-F 3G1,5mm²
- IEC C13 plug



266426 / DN-95404

Aluminium IEC C13 Outlet Strip, 10 Outlets

Aluminium Outlet Strip with Overload Protection, 12 Outlets

Provides premium power protection for professional IT equipment

- 2 circuits with 12 socket outlets 250VAC 50/60Hz / 2x 16A
- Aluminium profile
- 35° turned outlets
- 2x Overload protection
- 2 metal fixings included
- Cable: 2m H05VV-F 3G1,5mm²
- Right angle Schuko plug with double earthing
- Vertical installation



266433 / DN-95405

Aluminium Outlet Strip with Overload Protection, 12 Outlets

254mm (10") Outlet Stripe, 1U, Aluminium Profile

- 4-way without switch, Length: 208mm
- 10" socket outlet ALU 1U RAL7035
- 2,0m H05VV-F 3G1,5,black with Schuko-plug
- incl. 2 fixing angles



287384 / A-10-STRIP2

4-way without Switch, Length: 208mm

Outlet Strip, 483mm (19"), 1U

Innovative nine positions fixing system. Switch protected against involuntary switching off.

- Socket outlet wider 1U PVC
- 7-way German type outlets with switch Length: 440mm
- 2,0m H05VV-F 3G1,5mm² grey with German type right angle plug
- incl. 2 mounting brackets



196983 / A-19-STRIP1-1
7 way, 35ø, On/Off Switch

Outlet Strip, 483mm (19"), 1U

High quality product with innovative 9 positions fixing system.

- Socket outlet wider 1U PVC
- 8-way German type outlets Length: 440mm
- 2,0m H05VV-F 3G1,5mm² grey with German type right angle plug
- incl. 2 mounting brackets



196990 / A-19-STRIP2-1
Outlet Stripe, 483mm (19"), 1U

Outlet Strip, 483mm (19"), 1U with Aluminium Profile

- Socket outlet wider 1U white
- 8-way German type outlets Length: 440mm
- incl. 2 mounting brackets
- not rewirable



233916 / A-19-STRIP2-1-AL
8 way Outlet Stripe without Switch

Outlet Strip, 1U, Overvoltage Protection

- 19" socket outlet wider 1U white
- 5-way German type outlets with overvoltage protection + filter Length: 440mm
- not rewirable



233961 / A-19-STRIP4-1-AL
5 way with Surge Protection & Frequency Filter

Outlet Strip for DIGITUS® Server Cabinets, Vertical Mounting

- Dual circuit
- Aluminium profile
- 2 pcs. 16 A miniature circuit breaker, 220/250V AC
- Max. 3600W 250V AC, 16A



221203 / A-19-STRIP42-1
18 way, Power Strip, 42U, Vertical Mounting

Outlet Strip, Aluminium Profile, 1U

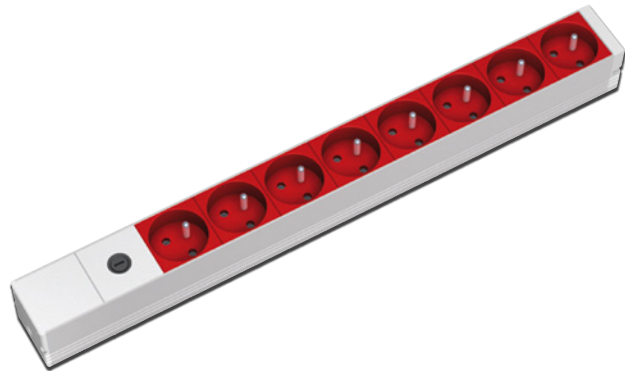
- Socket outlet Aluminium profile 1U RAL7035
- 9-way french UTE outlets, Length: 438,5mm
- 2,0m H05VV-F 3G1,5,black with Schuko-plug
- incl. 2 fixing angles



246985 / A-51101
Outlet Strip, Aluminium Profile, 1U

Outlet Strip with Aluminium Profile, 1U, RAL7035

- Outlet Strip with Aluminium Profile 1U, RAL7035
- 8-way UTE red with 10A fuse; Length: 438,5mm
- 2,0m H05VV-F 3G1,0black with IEC-plug
- incl. 2 fixing angles



247043 / A-51107

Outlet Strip with Aluminium Profile, 1U

Outlet Strip with Aluminum Profile and Overvoltage Protection, 8 Outlets

- Robust Outlet Strip for 19" Mount
- Warp resistant aluminium profile, anodized
- 2m H05VV-F3G1.5 qmm, with moulded right angle German type plug, double earthing
- Arrangement of the outlets at 35° angle, nickel-plated safety contacts
- Useful holding flanges. Mounting without tools in different heights and angles
- 8 pcs. IEC 320 C13 jacks
- 220/250V AC, 16A, VDE and CE approved
- Color: Black RAL 9005
- Outlet length without flanges 438mm

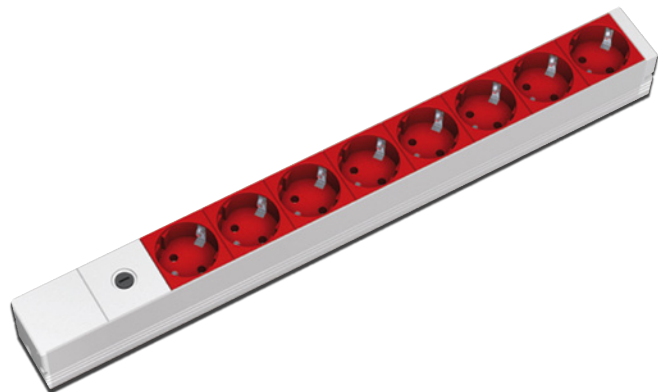


247067 / A-51109

Outlet Strip with Overvoltage Protection, 8 way

Outlet Strip for Rack Mount, 1U, Aluminium Profile, 8 Outlets

- Outlet Strip with Aluminium Profile, 1U, RAL7035
- 8-way red with 10A fuse; Length: 438,5mm
- 2,0m H05VV-F 3G1,5 black with IEC-plug
- incl. 2 fixing angles

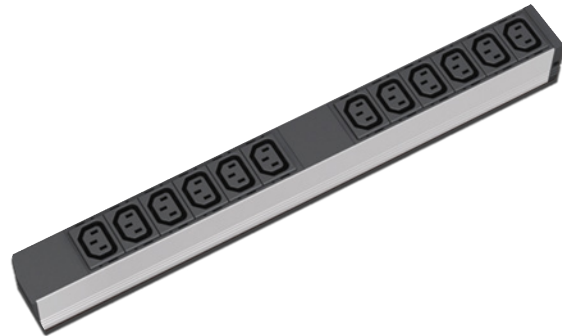


247913 / A-51111

Outlet Strip, Aluminium Profile, 8 way

Outlet Strip for Rack Mount

- Outlet Strip, Aluminium Profile, 1U
- 12-way IEC320-cold connector C13 black, Profile: ALU 1U VM
Length: 438,5mm
- rewireable with terminal block
- without cable



247081 / A-51201
Outlet Strip, 12 x IEC C13

247098 / A-51202
Outlet Strip, 9 x IEC C13

247104 / A-51203
Outlet Strip, 8 x IEC C19

Outlet Strip, 8 Outlets

- Outlet Strip, 1U, RAL7035
- 8xUTE/french outlet; Length: 438,5mm
- with proof cable, rewirable
- incl. 2 fixing angles



247128 / A-51301
8 UTE Outlet Strip, no cable

258377 / A-51301-1
8 Schuko Outlet Strip, no cable

247135 / A-51302
12 UTE vertically

247142 / A-51303
12 UTE vertically distance 85 mm

Standard Outlet Strip

- 250VA, 10A; VDE and CE approved
- Arrangement of outlets in 45° angles
- Illuminated on/off switch
- Plug with safety contacts and cable, 1.4m (3 x 1.00mm²)



196679 / ASL-3-1
3 fold Outlet Stripe with Switch, white

196686 / ASL-6-1
6 fold Outlet Stripe with Switch, white

196693 / ASL-6-2
6 fold Outlet Strip, Switch and Overvoltage Protection, white

Outlet Stripe, 12 Fold, 35° Angled

- Outlet Strip with Aluminium Profile, 1U, RAL7035
- 12-way without switch, Length: 565mm
- 2,0m H05VV-F 3G1,5 black with Schuko-plug
- incl. 2 fixing angles



265566 / ASL-19ALU-12
Outlet Stripe, 12 Fold, 35° Angled

266624 / ASL-19ALU-12-5M
Outlet Stripe, 12 Fold, 35° Angled, Cable 5m

Outlet Stripe with LS 16A

- Outlet Strip with Aluminium Profile, 1U, RAL7035
- 6-way with overcurrent protection 16A, Length: 438,5mm
- 2,0m H05VV-F 3G1,5,black with Schuko-plug
- incl. 2 fixing angles



274995 / ASL-19ALU-6LS
6-way, 35° Angled

1U Aluminium PDU, Rackmountable

Suitable for Rack Mount, inclusive 483mm (19") mounting angles

- 8 Socket outlets 230V / 16A / 3600W
- Cable: 2m H05VV-F 3G1,5mm²
- Aluminum profile
- 35° turned outlets
- Illuminated on/off switch
- 2 metal fixings included
- Right angle Schuko plug with double earthing



291503 / ASL-19ALU-8
Outlet Strip, 483mm (19"), 1U

291510 / ASL-19ALU-8B
Outlet Strip, 483mm (19"), 1U, black

Solid Aluminium Socket Outlet Strips for Installation in Data Center

Suitable for rack mount (included mounting brackets)

- Very warp resistant aluminium profile
- Safety sockets rotated by 35°
- Practical angle supports made of stainless steel to be attached in four positions, each at 90°
- Feed line: 2.00m H05VV-F3G 1.50mm²
- Max power: 3600W / 16A



178736 / ASL-19ALU-9
9-way, Outlet Strip, 483mm (19"), 1U, grey

291497 / ASL-19ALU-9B
9-way, Outlet Strip, 483mm (19"), 1U, black

Outlet Stripe with Switch, 1U

- Outlet Strip, 1U, RAL7035
- 9-way CH with switch Length: 438,5mm
- 2,0m H05VV-F 3G1,0mm², black with CH-plug;



301349 / ASL-ALU-9-CH-S
Outlet Strip, 9-way

301332 / ASL-ALU-10-CH
Outlet Strip, 10-way

Outlet Strip, Aluminium Profile, Rackmountable, 1U

Suitable for 19" rack mount (included mounting brackets)

- RAL 7035 light grey
- Cable: 2m H05VV-F 3G1,5mm²
- 12 Socket outlets 230V / 16A / 3600W
- 35° turned outlets
- 2 metal fixings included
- Right angle Schuko plug with double earthing



291541 / ASL-ALU-12V
12-way Outlet Strip, Aluminium Profile, Rackmountable

Professional Quality Aluminium Outlet Strip

- Very warp resistant aluminium profile
- Safety sockets rotated by 35°, black
- Integrated child protection
- Feed line: 1.75m H05VV-F3G 1.50mm²
- Max. power: 3600W / 16A



178668 / ASL-ALU-6

6-way with Switch and Voltage Protection

178675 / ASL-ALU-6SUG

6-way with Switch, Voltage Protection and Net- and Frequency Filters

178699 / ASL-ALU-6MS

4+1-way with Master & Slave Switching

Plastic Outlet Strip with Child Protection

- Safety sockets rotated by 35°
- Color: black
- Plastic profile in silver
- Integrated child protection
- Feed line: 2m H05VV-F3G 1.50mm²
- Max power: 3600W / 16A



178705 / ASL-KU-6

6-way with Switch and Voltage Protection

178712 / ASL-KU-6SUG

6-way with Switch, Voltage Protection and Net- and Frequency Filters

178729 / ASL-KU-4MS

4+1-way with Master & Slave Switching

Outlet Strip, 16A Person Protection

- Socket outlet ALU 1U, RAL7035
- 6-way with leakage protection 25A 30mA, Length: 438,5mm#
- 2,0m H05VV-F 3G1,5,black with Schuko-plug;
- incl. 2 fixing angles



291527 / ASL-ALU-6FI

Outlet Strip, 16A Person Protection

6-way Outlet Strip, with RCD

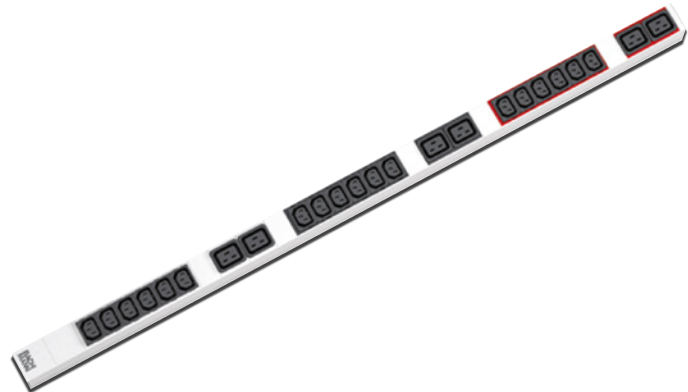
- socket outlet PRIMO CLASSIC-ALU,
- 6-way with FI protection switch, 30mA, tripping time <30 ms, 3 pole
- 1.75m H05VV-F, 3G1,5mm², black



258070 / ASL-RCD-6-SW
6-way Outlet Strip, with RCD

Outlet Strip, Vertical Installation, 3 phases 16A

- Outlet Strip with Aluminium Profile, 1U
- 3x6 IEC cold connect. C13 10A black; 3x2 IEC C19 connector; Length: approx 1020mm
- 3,0m H05VV-F 5G2,5mm² black with terminals and connector



285380 / ASL-V19ALU-18U-2
Outlet Strip, Vertical, 3 Phases

Outlet Strip, 1U, 36 UTE Sockets

- Outlet Strip with Aluminium Profile, 1U
- 3,0m H05VV-F 5G2,5mm black, with terminals and connector
- 36 UTE/French outlets; 3phases, each phase with 12 outlets; Length: approx. 1755,5mm
- with mounting brackets



294351 / ASL-V19ALU-36U
Outlet Strip, 1U, 36 UTE Sockets

Cold Connector black



- Cold connector plug 16A, 250V, 70°C, IEC 320/C20
- Thermoplast
- with kink protection
- Colour: black



247159 / A-51401
Cold Connector Plug 70°C

247166 / A-51402
Cold Connector Plug, right-angled 70°C rewirable black

247173 / A-51403
Cold Connector Plug 16A, 250V, 70°

Cold Connector Extension Cord



- Cold Connector Extension Cord
- End 1: IEC plug C20 (915.175)
- End 2: IEC outlet C19 (915.174)



247234 / A-51505
Cold Connector Extension Cord

German Type Supply Cable



- Cord set
- 3,0m H05VV-F 3G1,5mm² black
- End 1: Plug type 30 D
- End 2: 30mm remove outer jacket lead ends terminate w. bootlace terminal



256014 / A-51506
Supply Cable, black, 3m

256021 / A-51507
Supply Cable, black, 5m

256038 / A-51508
Supply Cable, black, 7m

Red locking Clip for IEC C13 Outlets



- Red locking Clip for IEC C13 Outlets



247180 / A-51404
Red locking Clip for IEC C13 Outlets

Uninterruptible Power Systems

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Line Interactive UPS uninterruptible Power Systems with LCD

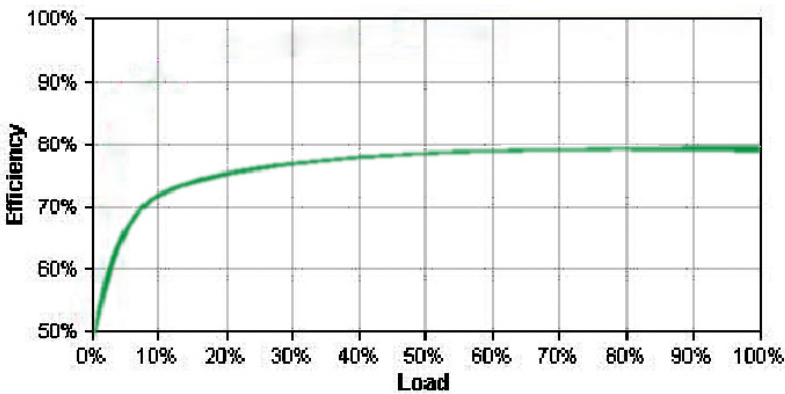
High performance protection for your business and office computer systems against data loss and damage



- Microprocessor controlled Line Interactive technology
- Boost and buck automatic voltage regulation (AVR)
- Intelligent battery management system
- LCD display panel
- Display of input & output voltages on LCD panel
- Overvoltage protection and undervoltage protection
- Lightning and surge protection
- Short circuit and overload protection
- Overdischarge protection
- Status indicators: battery, state of charge, operation
- Cold start functions and energy saving features
- Automatic frequency identification
- Communication: USB communication port
- Telephone / fax / modem protection
- Can optionally be used without batteries as AVR (automatic voltage regulation)
- Compact size and user friendly operation
- Acoustic alarm system
- Nominal input voltage: 230V or 220V $\pm 25\%$
- Input frequency: 50Hz or 60Hz $\pm 10\%$
- Output voltage: 230V or 220V $\pm 10\%$ (simulated sine wave)
- Meets the following standards: EN 50091-1, IEEE 587, CE
- IP protection class 20
- Backup time: 5 - 30 minutes (depending on computer load resulting from connected devices)
- Battery (V/Ah): 12/7
- Backup time: 5 - 30 minutes (depending on computer load resulting from connected devices)
- Transfer time: 2ms



Energy Use/Efficiency



Back



288817 / DN-170023
Line Interactive, 650VA

288848 / DN-170024
Line Interactive, 1000VA

288855 / DN-170025
Line Interactive, 1500VA

Off-Line UPS uninterruptible Power Systems

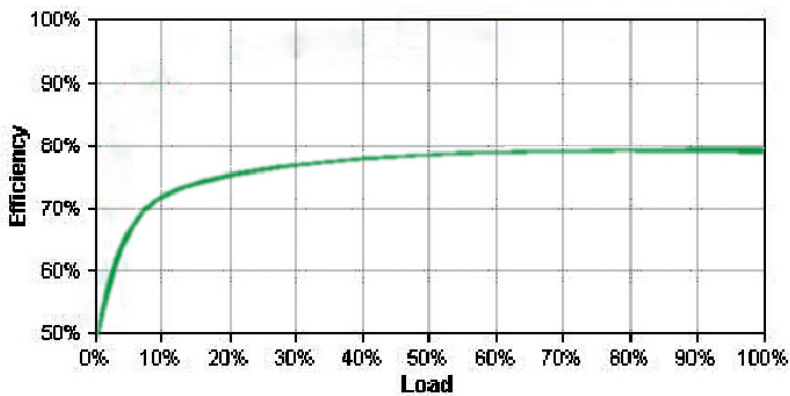
High performance protection for your business and office computer systems against data loss and damage



- Boost and buck automatic voltage regulation (AVR)
- Overvoltage protection and undervoltage protection
- Short circuit and overload protection
- Cold start functions and energy saving features
- Acoustic alarm system
- Automatic frequency identification
- Intelligent battery management system
- Communication: USB communication port
- Telephone / fax / modem protection
- 650VA, 230V, 50Hz, 360W, Input Range 165-270V
- Meets the following standards: CE, EN60950-1:2006, EN-62301:2005, EN62040-3, VDE EN62040-2:2006, EN 6100-4-2:1995 + A1:1998+A2:2001
- Compact size and user friendly operation
- Input frequency: 50/60 Hz \pm 4 Hz
- IP protection class 20
- Battery (V/Ah): 12/7
- Backup time: 10 - 18 minutes (depending on computer load resulting from connected devices)
- Transfer time: < 6ms



Energy Use/Efficiency



Back



288336 / DN-170013
Off-Line, 650VA

288770 / DN-170014
Off-Line, 1000VA

288787 / DN-170015
Off-Line, 1500VA



Digital Energy

A business' long-term success depends heavily on the continuous operation of its PCs and servers.

With the increase in the use of Information Technology over the past years, and the decrease in the power consumption required by computer and network equipment, more and more critical workstations are being plugged into the wall socket. At the same time, the quality of the mains supply has decreased and there is little surplus energy available to consumers.

Global communications, global networks, 24/7 trading and real-time information processing is increasingly becoming the standard for business. As faults in the

utility power are the cause of half of all "inexplicable" computer problems, it is increasingly necessary to protect even your stand-alone equipment – and therefore your business – from the irregularities of the mains supply.

GE has been in the power business for more than 100 years.

The GE Digital Energy's ML Series is a pluggable, line interactive UPS offering cost-effective protection against mains power disturbances and failures. The range extends from 350VA to 1000VA, allowing you to protect a single PC or multiple workstations and peripherals. All models have an intelligent communication interface. JUMP DataShield™ automatic shutdown software for most major operating systems is bundled free of charge.

features & benefits

- Automatic Voltage Regulation (AVR)
- Superboost for extremely wide input voltage window, maximising battery life
- RS232 communication for advanced communication between UPS and PC
- Superior battery management maximises battery life
- Plug and play, for easy installation and operation

applications

- Servers
- PCs and workstations
- Hubs
- Routers
- Switches
- Fax



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technical specifications

Modell	A-17040	A-17041	A-17042	A-17043
Rating (VA/W)	350/210	500/300	700/420	1000/600
Battery (V/Ah)	12/5	12/7	24/5	24/7
Back up time at 75% load (min.)	4	5	7	7
Enclosure	A	A	B	C
Net weight incl. batteries (kg)	6.5	7.5	11	13
Input voltage window (Vac)	142-300	142-300	142-300	160-254
Input frequency	50Hz +/- 10%			
Output voltage	230V (+5% / -10% before battery low)			
Output frequency	50Hz			
Number of IEC 320 outlets	2	2	2	2
Battery recharge time to 80% capacity	3 hours (approx.)			
Colour	RAL 9005 (black)			

operating characteristics

Operating temperature :	-10 to 40°C
Relative humidity :	95% non-condensing
Audible noise :	less than 35 db(A)

communication interface

RS 232
Plug-and-Play

enclosures (hxwxh):

A: 150x110x300mm
B: 150x110x420mm
C: 150x110x450mm

general design criteria:

Safety : EN 50091-1 (EN 60950)
EMC : EN 50091-2
Protection degree : IP20

Specifications subject to change without prior notice

Line Interactive UPS, 350 VA

Plug and play, for easy installation and operation

A business' long-term success depends heavily on the continuous operation of its PCs and servers.

With the increase in the use of Information Technology over the past years, and the decrease in the power consumption required by computer and network equipment, more and more critical workstations are being plugged into the wall socket. At the same time, the quality of the mains supply has decreased and there is little surplus energy available to consumers.

Global communications, global networks, 24/7 trading and real-time information processing is increasingly becoming the standard for business. As faults in the utility power are the cause of half of all "inexplicable" computer problems, it is increasingly necessary to protect even your stand-alone equipment - and therefore your business - from the irregularities of the mains supply.

GE has been in the power business for more than 100 years. The Digital Energy ML Series is a pluggable, line interactive UPS offering cost-effective protection against mains power disturbances and failures. The range extends from 350VA to 1000VA, allowing you to protect a single PC or multiple workstations and peripherals. All models have an intelligent communication interface. JUMP DataShield™ automatic shutdown software for most major operating systems is bundled free of charge.



- Automatic Voltage Regulation (AVR)
- Superboost for extremely wide input voltage window, maximising battery life
- RS232 communication for advanced communication between UPS and PC
- Superior battery management maximises battery life
- Plug and play, for easy installation and operation
- Applications: Server, PCs and workstations, Hubs, Routers, Switches, Fax
- Rating (VA/W): 350/210
- Battery (V/Ah): 12/5
- Back up time at 75% load (min.): 4
- Enclosure: A
- Input voltage window (Vac): 142-300
- Input frequency: 50Hz +/- 10%
- Output voltage: 230V (+5% / -10% before battery low)
- Output frequency: 50Hz
- Number of IEC 320 outlets: 2
- Battery recharge time to 80% capacity: 3 hours (approx.)
- Operating temperature: -10 to 40°C
- Relative humidity: 95% non-condensing
- Audible noise: less than 35 db(A)
- Communication interface: RS 232, Plug and Play
- Safety: EN 50091-1 (EN 60950)
- EMC: EN 50091-2
- Protection degree: IP20



308171 / A-17040
General Electric Line Interactive UPS, 350 VA

308188 / A-17041
General Electric Line Interactive UPS, 500 VA

308195 / A-17042
General Electric Line Interactive UPS, 700 VA

308201 / A-17043
General Electric Line Interactive UPS, 1000 VA



Line Interactive UPS, 1000 VA

These UPS are line-interactive, intelligent and rugged, designed for cost-critical applications. All units are microprocessor controlled and have standard RS232 communications. They are used in a wide range of IT networking and telecommunications applications.

- Line Interactive UPS
- 1000 VA
- 600 Watt
- Min. Backup time at 75% load: 13 minutes
- Communication: RS232 port
- Automatic Voltage Regulation
- Excellent high voltage protection up to 350 Vac
- Low 'green' power consumption
- Optimised sine wave output, avoiding peak currents that can damage electronics and batteries
- Automatic battery test, automatic boost charge with two-hour recharge time and low battery temperature
- Front accessible batteries for easy replacement
- Suitable for 483mm (19") Rack Mount
- Only 440mm depth leaving space for connectors and cables
- 6U
- 6x IEC 320 C13



**3 Years
Warranty
for UPS and
Battery**



277316 / A-17010

General Electric Line Interactive UPS, 1000 VA

277330 / A-17011

General Electric Line Interactive UPS, 2200 VA

277323 / A-17012

General Electric Line Interactive UPS, 3000 VA

Online UPS, 1000 VA

These UPS are true VFI (Voltage & Frequency Independent) on-line double conversion, intelligent and high-performance UPS designed for all mission-critical applications. The UPS range is designed with a unique failsafe bypass providing maximum security and reliability for the user. The range of UPS has been designed also for maximum site flexibility. With an attractively designed modern common 483mm rackmountable design, the UPS can adapt as network configurations adapt. For communication, the Series is provided with USB and contact interface as standard; an easy to install option card is available with RS232, USB and relay. A web-enabled SNMP card is available as an option.

- Online UPS
- 1000 VA
- 700 Watt
- Min. Backup time at 50% load: 24 minutes
- Min. Backup time at 75% load: 11 minutes
- Versatile communication with USB and contact interface, RS232, relays and SNMP
- Voltage and frequency independent (VFI) double conversion technology eliminates power reliability problems
- Unique failsafe internal bypass for continued operation even in the event of UPS failure
- Simple battery replacement without disruption to supported load
- Wide input voltage window minimising battery usage
- Excellent short circuit protection
- GE's unique Superior Battery Management enhancing battery performance and lifetime
- Easy plug-in connection of battery packs for extended run-time
- Remote monitoring and control for unmanned or isolated sites
- Can be used as a 50/60Hz frequency converter
- Phase neutral reversal protection
- High overload capability
- Precise output frequency regulation
- High efficiency
- Suitable for 483mm (19") Rack Mount
- 2U rack design for all ratings; all support elements included
- 4x IEC 320 C13



**3 Years
Warranty
for UPS and
Battery**



277347 / A-17020

General Electric Online UPS, 1000 VA

277354 / A-17021

General Electric Online UPS, 2000 VA

277361 / A-17022

General Electric Online UPS, 3000 VA

Online UPS, 6000 VA

With this UPS your mission-critical equipment is protected from any fluctuation in your power source, enabling you to concentrate on your core activities. It is a true VFI (Voltage & Frequency Independent) on-line double conversion, transformerless, intelligent and high performance installable UPS. This UPS provides critical power protection to suit a wide range of IT Networks, Telecom and other applications. It is easy to install and service, and is designed for maximum site flexibility. With an attractively designed modern 483mm rack mount cabinet, the UPS can adapt as network configurations adapt. Both the power and redundancy of the system can be expanded by adding units (N+2) to create a parallel system. For communication, the UPS is equipped with RS232 and contact interface as standard; a web-enabled SNMP card is available as an option. Operation in remote or unmanned sites is simple to coordinate with the standard remote monitoring functionality. No load shutdown, automatic frequency detection, settable minimum start-up runtime and extended runtime availability with optional battery packs are additional features of this UPS.

- Online UPS
- 6000 VA
- 4200 Watt
- Min. Backup time at 50% load: 28 minutes
- Min. Backup time at 75% load: 17 minutes
- On-line double conversion technology assuring ultimate Power Quality
- (Remote controlled) programmable computer shutdown
- Wide input voltage window to minimize battery operation
- Small footprint & low weight, ideal for IT applications or sites with limited available space
- Hot swappable batteries for easy battery replacement without dropping the load
- Simple installation of paralleling cable for expanded power and redundancy of the system
- Backfeed protection as standard providing optimal safety for installation
- Frequency converter (50Hz – 60Hz) also in parallel operation
- All components for Rack, Tower & Parallel installation are included with the UPS
- Combined tower / 483mm (19") design for maximum flexibility
- 6U
- 2x IEC 320 C19



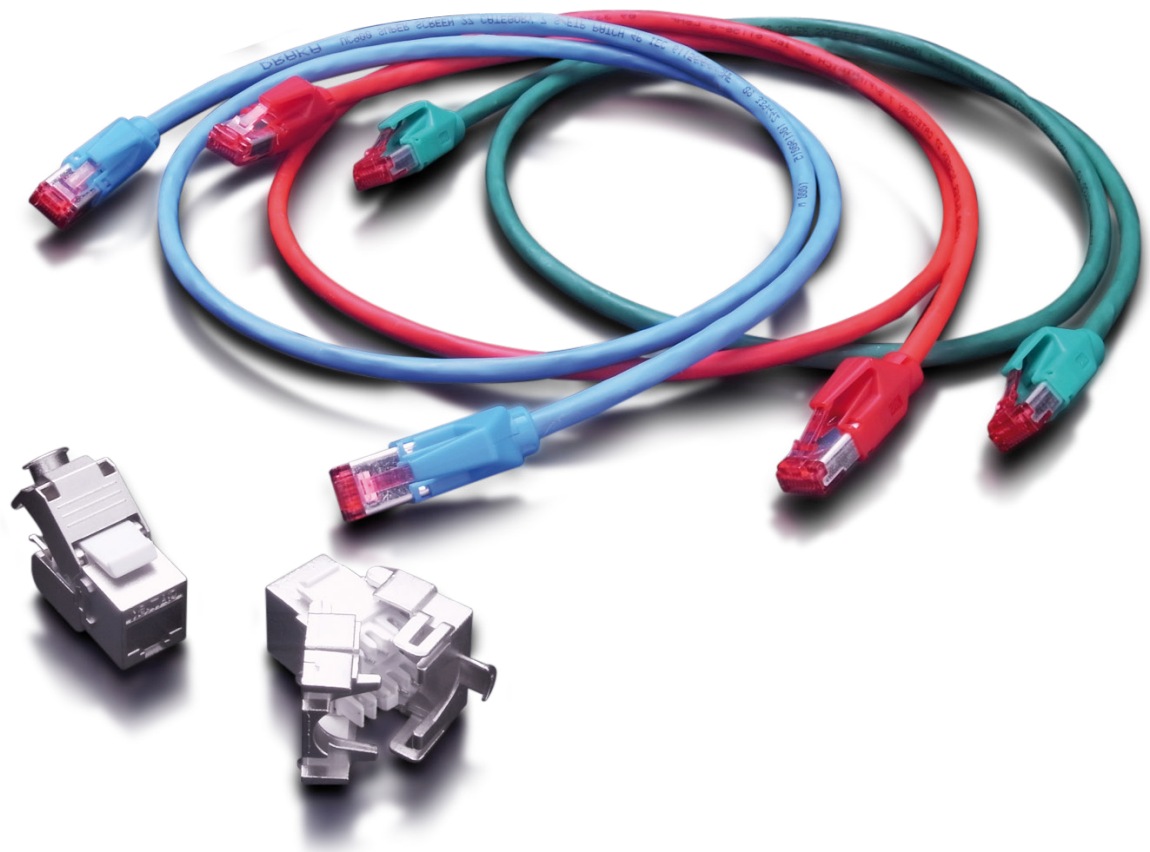
277385 / A-17030
General Electric Online UPS, 6000 VA

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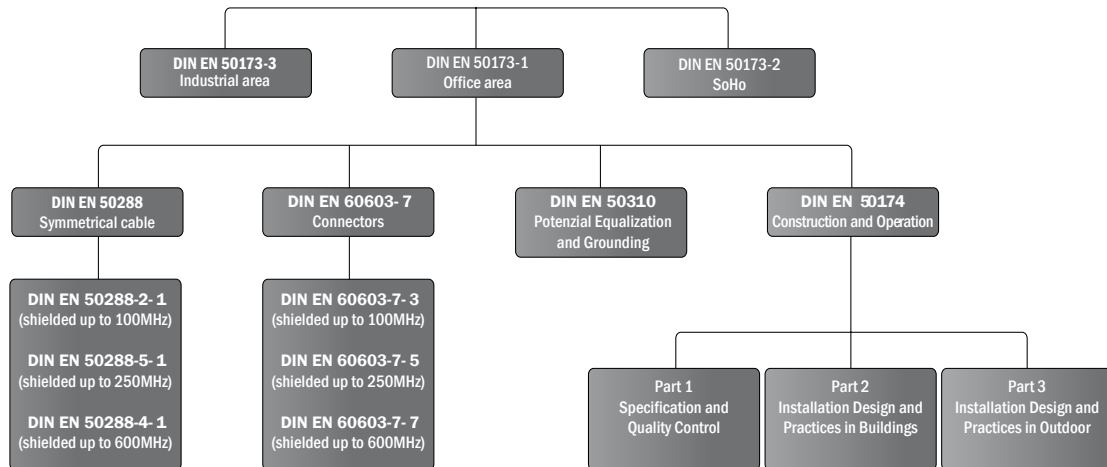
Copper Components

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Cabling Standards



Cabling standards

Various standards have been set down in international committees to be independent from manufacturer and system. These divide into various areas. The international range of validity is set down in IS/IEC 11801 and in the national German standard of DIN EN 50173.

The standard series of EN 50173 is divided into five areas for various applications and covers „application-neutral communication cablings for information technology“.

- EN 50173-1 General requirements
- EN 50173-2 Office buildings
- EN 50173-3 Industrially used buildings
- EN 50173-4 Private residential units
- EN 50173-5 Computing centres

There is also a difference in the individual components such as cables and connection technology and also in the installation of these components.

The individual components are classified into the following categories:

- Category 5 up to 100 MHz
- Category 6 up to 250 MHz
- Category 6A up to 500 MHz
- Category 7 up to 600 MHz
- Category 7A up to 1000 MHz

A distinction is drawn between installed components according to transmission classes

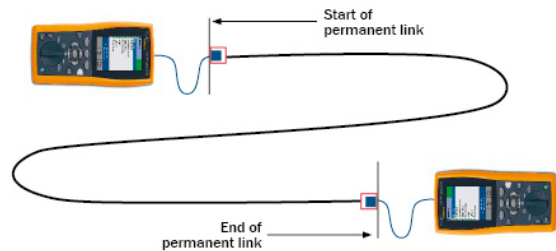
- Class D up to 100 MHz
- Class E up to 250 MHz
- Class EA up to 500 MHz
- Class F up to 600 MHz
- Class FA up to 1000 MHz

Certification and checking of the limiting values for the measurement technology of the installed transmission routes.

A distinction is drawn between two models for the transmission routes for the cabling.

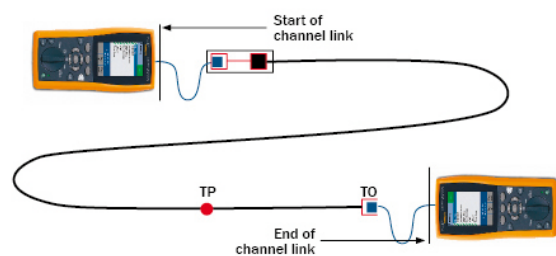
• Permanent Link

which covers the laid installation cable and also the patch panel permanently connected to the end of the cable and the junction box.



• Channel Link

Where the patch cable also used in the patch panel and the junction box can also be measured together with the components of the Permanent Link.



Defined electrical limiting values give a clear picture of the quality of the installed system.

- Line length
- With return flow attenuation
- Max. attenuation
- Min. near end cross talk attenuation NEXT
- Min. OSNEXT
- Min. ACR
- Min. PSACR
- Min. ELFEXT
- Min. PSELFEXT
- Max. DC loop resistance
- Max. run time
- Max. run time difference

Structure of the Cabling System

- ▶ The return flow attenuation is the measure for outstanding reflection of the transmission signal which is created by sudden increases in impedance in the cable run (Return Loss).
- ▶ The attenuation shows the lost part of the signal over the cable run (Attenuation).
- ▶ The near end cross talk attenuation is used as a measure of cross talk at the near end of the cable run. Each pair of strands will be measured at the other pairs respectively (Near end crosstalk NEXT).
- ▶ The far end cross talk attenuation is measured as the same way as NEXT (Far end crosstalk FEXT).
- ▶ ACR measures the ratio between cross talk and attenuation.
- ▶ (Attenuation to crosstalk ratio $ACR = NEXT - \text{attenuation}$).
- ▶ Equal Level FEXT is the extent of crosstalk at the far end where the pair attenuation is deducted from this (ELFEXT).
- ▶ Run time of the signal over the transmission distance
- ▶ (Propagation delay).
- ▶ Run time differences arise with simultaneous transmission of a signal to various pairs (delay skew).
- ▶ Power Sum is the total of the faults which are coupled in from the remaining pairs to the fourth pair (PS).

- ▶ PSNEXT = Power Sum NEXT
- ▶ PSACR = Power Sum ACR
- ▶ PSELFEXT = Power Sum ELFEXT

Structure of the cabling system in accordance with EN 50173 Cabling takes place on different levels, not only storeys/floors are cabled but also different floors are cabled with each other and buildings are also cabled over outside surfaces. There different areas are defined for these applications.

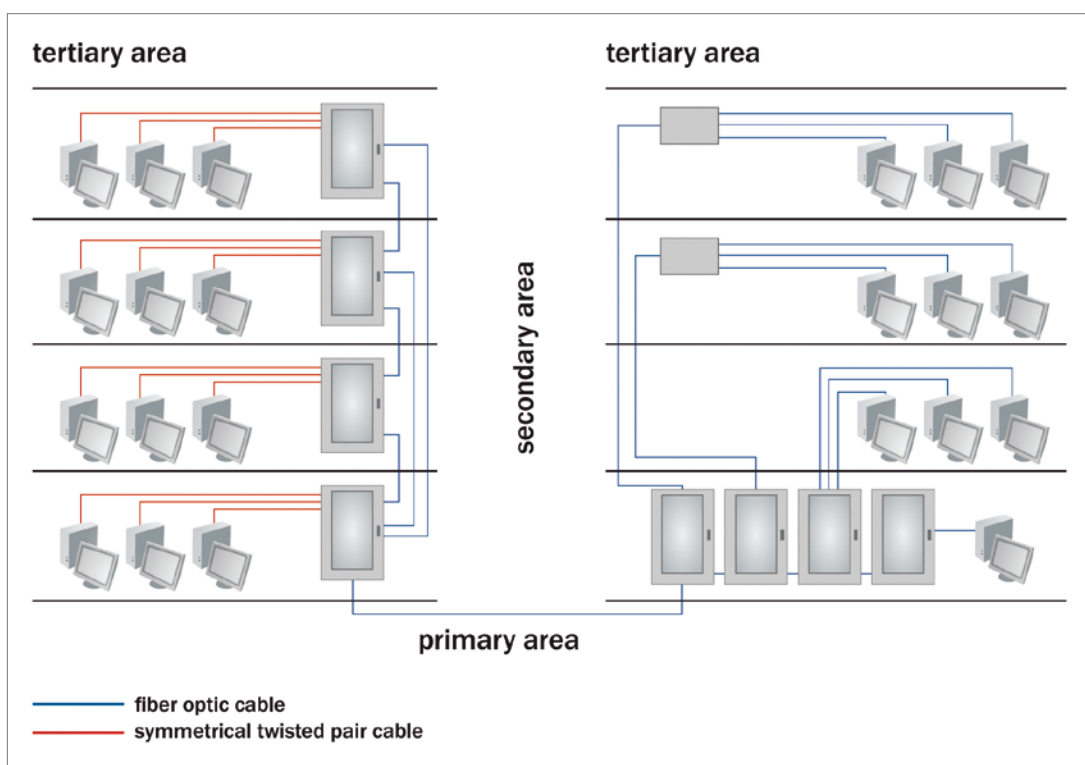
- Primary cabling outside site areas, campus backbone
- Secondary cabling building area, building backbone
- Tertiary cabling, cabling in floors, horizontal cabling

Basic standard specifications have been laid down in these cabling areas, as far as the execution of the entire cabling system is concerned.

At least one sub-distribution panel is planned for an office space of 1000m². Such a sub distribution panel can also serve several floors in smaller buildings. The jacks should be distributed over the entire useable area where there have to be at least 2 connections for each workplace. One of the connections should be at least made with symmetric copper cable, the other one can be connected by using LWL cable.

The following minimum and maximum requirements are imposed on the lengths of cable for cabling in floors. The distance between the user end device and the distribution components, including all the patch cable used must not exceed 100 m.

Cabling areas



Structured Cabling

The length of the fixed cable between the jack and the patch panel is set at a maximum of 90m here.

The maximum distance in the Permanent Link can also be shorter, since a consolidation point integrated into the cabling runs also has effects on the technical transmission values of the laid cable. Patch cables between jack and end device should not exceed a maximum length of 20 m: the length of patch cable used in the patch field at the floor sub-distribution cable has a maximum length of 5 m. Consolidation points which are used should be placed at least 15 m from the floor sub-distribution panel since plug-in connections used in the immediate vicinity can exert influences on various transmission parameters. The types of cable used in cabling on floors consist of 100 Ohm 4 paired twisted pair cables and 50/125µ multi-mode glass fiber cables.

The maximum cable length of the transmission run should be 2000m for the site and building cabling of the secondary area. The previously mentioned cable types are also preferred here. The often larger distances between buildings also offer an area of use for 07/15µ mono-mode glass fiber cable.

Connection technology for structured cabling

The cable which has been used for laying can be described with the following, different characteristics.

- Copper conductor consisting of solid copper for permanent installation between sub-distribution panels on floors and between distribution panels and jacks.
- Copper conductor as flexible conductor wire for use in the manufacture of patch cables.
- Details of the diameter and/or cross section in mm, mm2 or AWG (American Wire Gauge). The larger the wire diameter, the smaller the attenuation.
This section shows the following examples:
AWG 24/1 = conductor consisting of solid wire with 0.511 mm conductor diameter
AWG 26/7 = conductor consists of 7 wires with 0.48 mm conductor diameter
- Strands are twisted into pairs and provided with a colour code in the conductor insulation. The colour code is done according to EIA/TIA 568 / IEC 708-1 with the wiring:

Pair 1 = wire 1 in white/blue, wire 2 in blue

Pair 2 = wire 1 in white / orange, wire 2 in orange

Pair 3 = wire 1 in white / green, wire 2 in green

Pair 4 = wire 1 in white / brown, wire 2 in brown

- The screening is used to improve transmission safety. In accordance with the valid standard, it guarantees the limitation of electromagnetic disturbances and also the immunity of the network against disturbances.

U/UTP	completely unshielded, paired unshielded, twisted cable
F/UTP	completely foil shielded, paired unshielded, twisted cable
SF/UTP	cable completely shielded with foil and braid, paired unshielded, twisted cable
S/FTP	cable completely shielded with braid, paired foil shielded twisted cable

- External cladding consisting of PVC or a halogen-free, flame resistant compound.
Halogen-free = no corrosive, or clearly less toxic gases and very low quantities of smoke
Flame resistant = self extinguishing after removal of the heat source, very limited propagation of fire

FR	= flame retardant
LS	= low smoke
NC	= no corrosive fumes
OH, ZH	= no halogen

The requirements for the patch panels and jacks are defined in DIN EN 50173-1. These products are divided into various classes in accordance with the performance class. Optimisation of the products allows panels and jacks to satisfy the requirements when a gigabit Ethernet is being operated. These have been set down in the standards DIN EN 50173-1:2000 with both types, category 3 up to 16 MHz and category 5 up to 100 MHz and also in EIA EN 50173:2002 with the types, category 5 up to 100 MHz, category 6 up to 250 MHz and category 7 up to 600 MHz. The designation, category 5E which is generally used on the market corresponds to category 5 in accordance with DIN EN 50173-1:2000.

All the category 5 products certified according to standard can be used independently from their manufacturers in so-called „Mix & Match“ systems. They are combined into a class D connection in the installation which has been created.

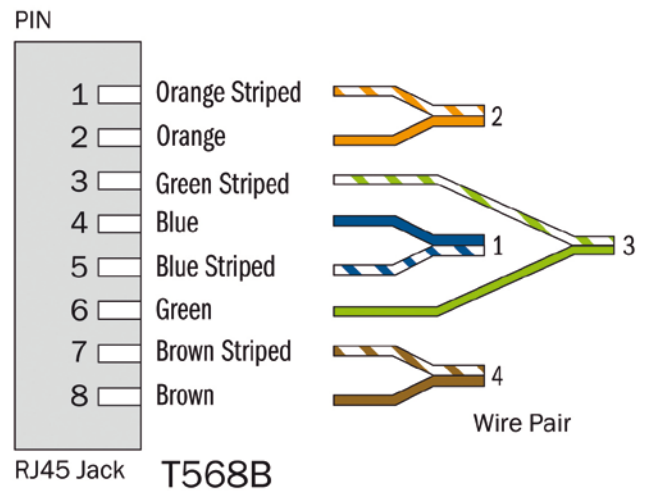
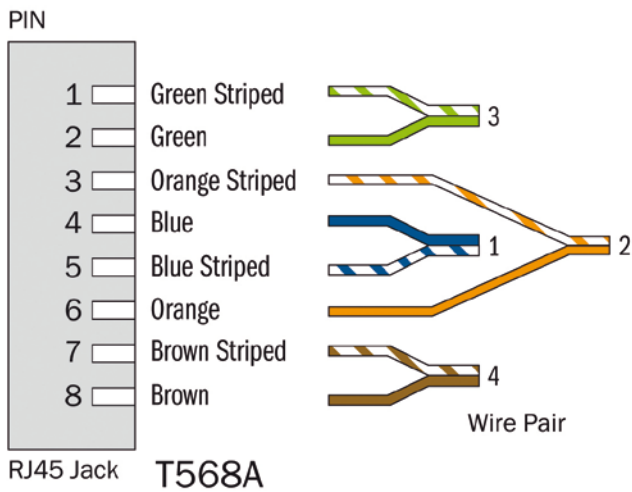
Class E products are characterized by the fact that each manufacturer has optimized his articles for his products with 250 MHz in order to satisfy the requirements of class E.

All the products are clearly defined and only „work“ with each other according to certification. This means that „Mix & Match“ is not possible. These products also do not comply with category 6 in accordance with DIN EN 50173-1:2002.

Category 6 products according to the new standard are only products which have been tested according to „De-Embedded Testing“. This makes sure that the advantages reached by technical and mechanical improvements are used. Each category 6 jack with a RJ45 plug produces a category 6 connection according to standard.



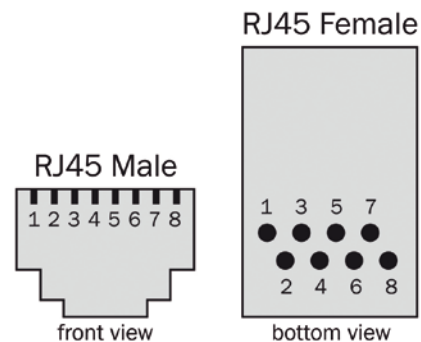
„De-Embedded-Testing“ - Logo



There is the option of using two configurations when cables are laid to patch panels and junction boxes and also when patch cables are being made. A distinction is made here according to colour code in accordance with EIA/TIA 568A or EIA/TIA 568B. The colour code used for the configuration is not important for the respective application, but has to be carried continuously throughout the complete system. Care also has to be taken when processing the patch cable to make sure that the paired twisting remains the same with the exception of the last 13 mm and that the possible pair screening is lead up to the LSA terminal rail.

Different applications run on the pairs / pins in the respective combination.

- Ethernet 1-2, 3-6
- Fast Ethernet 1-2, 3-6
- Gigabit Ethernet 1-2, 3-6, 4-5, 7-8
- 10 Gigabit Ethernet 1-2, 3-6, 4-5, 7-8
- ISDN 4-5, 3-6
- Token Ring 4-5, 3-6
- FDDI 1-2, 7-8
- ATM 1-2, 7-8

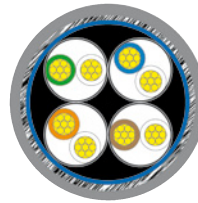


	Premium CAT 6 S-FTP Patch Cable	Premium CAT 6 S-FTP Patch Cable - LSOH -	Premium CAT 6A S-FTP Patch Cable	Premium CAT 6A S-FTP Patch Cable	Premium CAT 6 U-UTP Patch Cable
	(DK-1641-xxx)	(DK-1643-xxx)	(DK-1643-A-xxx)	(DK-1641-A-xxx)	(DK-1611-xxx)
Standards					
Connector	FCC & IEC 60603-7	FCC & IEC 60603-8	FCC & IEC 60603-7	FCC & IEC 60603-7	FCC & IEC 60603-7
Mechanical Properties					
Cable typ	CAT6 SFTP AWG26x4x2 PIMF	CAT6 SFTP AWG26x4x2 PIMF	CAT6 SFTP AWG27x4x2	CAT6 UTP AWG26x4x2	CAT6 UTP AWG26x4x2
Stranded wire	7x0.16±0.015mm	7x0.16±0.015mm	7x0.16±0.015mm	7x0.16±0.015mm	7x0.16±0.015mm
Diameter: Cable jacket	6.0±0.3mm	6.0±0.3mm	5.9±0.3mm	6.0±0.3mm	5.0±0.3mm
Isolation stranded wire	FO-PE Ø1.05±0.03mm	FO-PE Ø1.05±0.03mm	FO-PE Ø0.98±0.03mm	FO-PE Ø1.05±0.03mm	HDPE Ø0.76±0.03mm
Isolation Cable Jacket	PVC	LSOH	LSOH	PVC	PVC
Pair shielding	Wrapped with Al-Foil	Wrapped with Al-Foil	Wrapped with Al-Foil	Wrapped with Al-Foil	Non
Overall shielding	Tin-plated copper braiding	Tin-plated copper braiding	Tin-plated copper braiding	Tin-plated copper braiding	Non
Configuration:	1:1	1:1	1:1	1:1	1:1
Operating temperature	-20°C ... +60°C	-20°C ... +60°C	-5°C ... +50°C	-20°C ... +60°C	-20°C ... +60°C
Flame -retardant test	UL 1685	UL 1685	UL 1685	UL 1685	UL 1685
UL	E222711-F3	E222711-F4	IEC 60332-1	E213738-Y	E213738
Electrical Properties					
Operation current	2A	2A	2A	2A	2A
PoE conform acc. to IEEE802.3at	useable	useable	useable	useable	useable
Transmission Properties					
Gbit Ethernet acc.to. IEEE802.3	useable	useable	useable	useable	useable

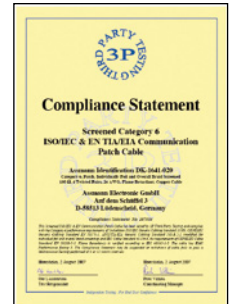
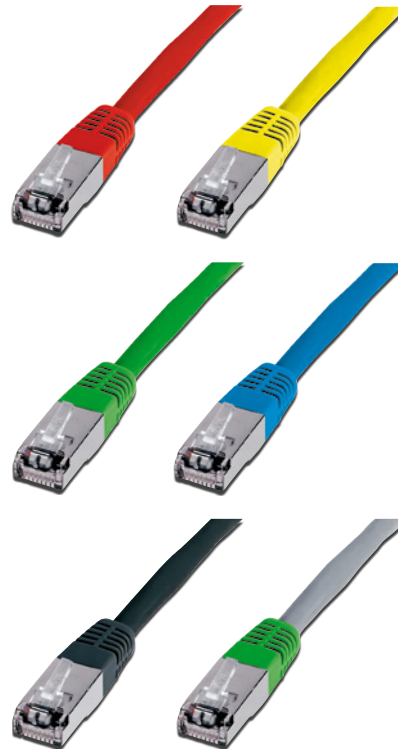
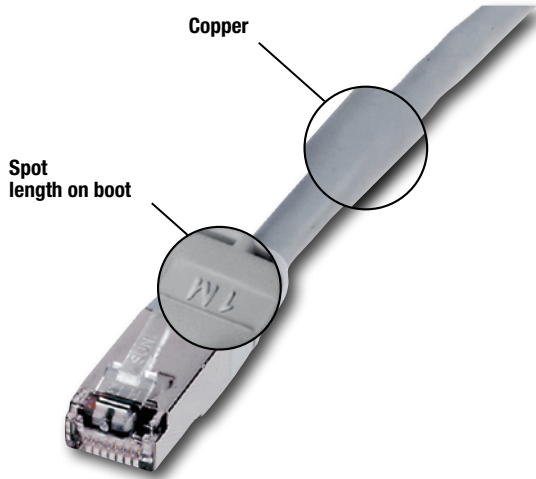
	Premium CAT 6 U-UTP Patch Cable	Premium CAT 5e SF-UTP Patch Cable	Premium CAT 5e F-UTP Patch Cable	Premium CAT 5e U-UTP Patch Cable
	(DK-1613-xxx)	(DK-1531-xxx)	(DK-1521-xxx)	(DK-1511-xxx)
Standards				
Connector	FCC & IEC 60603-7	FCC & IEC 60603-7	FCC & IEC 60603-7	FCC & IEC 60603-7
Mechanical Properties				
Cable typ	CAT6 UTP AWG26x4x2	CAT5E SFTP AWG26x4x2	CAT5E FTP AWG26x4x2	CAT5E UTP AWG26x4x2
Stranded wire	7x0.16±0.015mm	7x0.16±0.015mm	7x0.16±0.015mm	7x0.16±0.015mm
Diameter: Cable jacket	5.0±0.3mm	5.3±0.3mm	5.2±0.3mm	4.9±0.3mm
Isolation stranded wire	HDPE Ø0.76±0.03mm	HDPE Ø0.86±0.02mm	HDPE Ø0.86±0.01mm	PE Ø0.78±0.02mm
Isolation Cable Jacket	LSOH	PVC	PVC	PVC
Pair shielding	Non	Non	Non	Non
Overall shielding	Non	Tin-plated copper braiding	Al-Foil	Non
Configuration:	1:1	1:1	1:1	1:1
Operating temperature	-20°C ... +60°C	-20°C ... +60°C	-20°C ... +60°C	-20°C ... +60°C
Flame -retardant test	UL 1685	UL 1685	UL 1685	UL 1685
UL	E213738-Y	E213738	E213738	E213738
Electrical Properties				
Operation current	2A	2A	2A	2A
PoE conform acc. to IEEE802.3at	useable	useable	useable	useable
Transmission Properties				
Gbit Ethernet acc.to. IEEE802.3	useable	useable	useable	useable

Premium CAT 6, Class E, S-FTP Patch Cable

- Pairs with foil and full braid shielding (PIMF) patch cables
- 4 x 2 x AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 shielded connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Connection 1 : 1
- Qualified for 1 Gbit Ethernet
- Ready for PoE



Ready for PoE



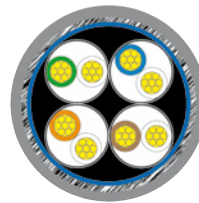
Please choose your requested product by the corresponding article number or the EAN code.



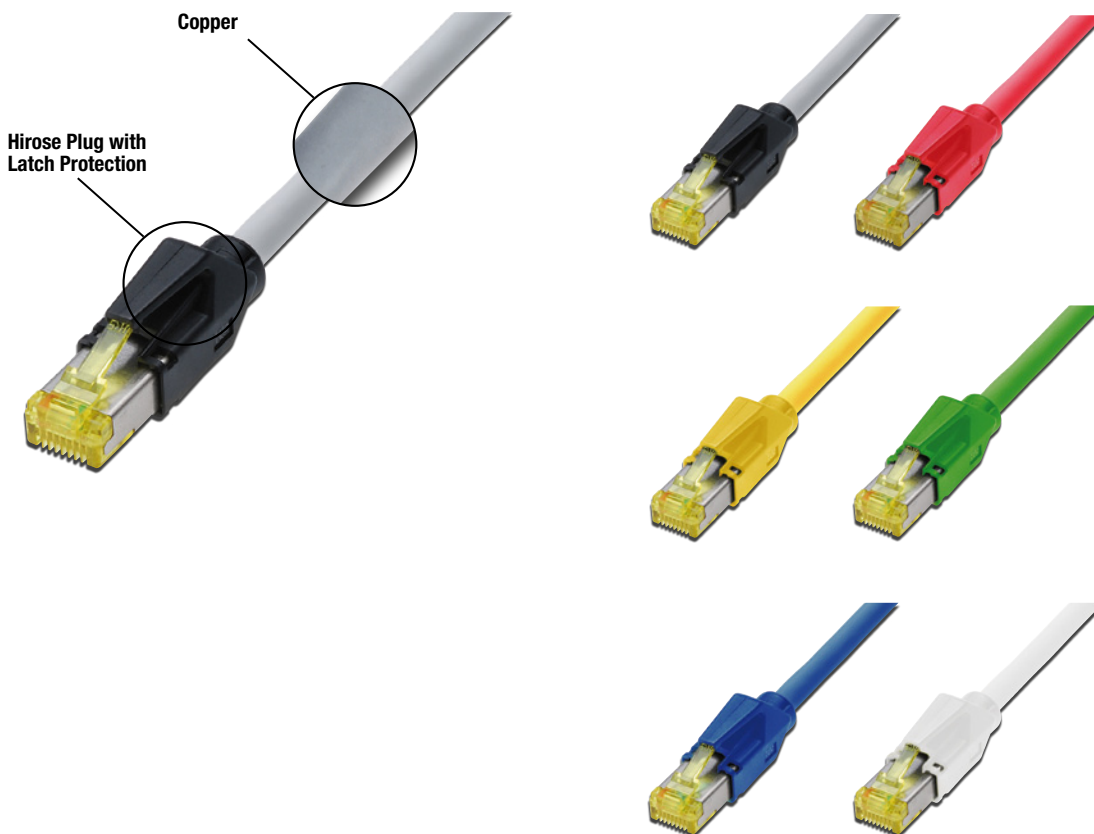
	grey	red	yellow	green	blue	black	white	crossover
0,25 m	DK-1641-025 288657	DK-1641-025/R 288695	DK-1641-025/Y 288701	DK-1641-025/G 288688	DK-1641-025/B 288664	DK-1641-005/BL 288671	DK-1641-025/WH 288718	
0,5 m	DK-1641-005 214922	DK-1641-005/R 215059	DK-1641-005/Y 215066	DK-1641-005/G 215042	DK-1641-005/B 214939	DK-1641-005/BL 215035		DK-1641-005-CO 215912
1,0 m	DK-1641-010 214946	DK-1641-010/R 215103	DK-1641-010/Y 215110	DK-1641-010/G 215097	DK-1641-010/B 215073	DK-1641-010/BL 215080		DK-1641-010-CO 215929
2,0 m	DK-1641-020 214953	DK-1641-020/R 215165	DK-1641-020/Y 215172	DK-1641-020/G 215158	DK-1641-020/B 215127	DK-1641-020/BL 215141		DK-1641-020-CO 215936
3,0 m	DK-1641-030 214960	DK-1641-030/R 215219	DK-1641-030/Y 215226	DK-1641-030/G 215202	DK-1641-030/B 215189	DK-1641-030/BL 215196		DK-1641-030-CO 215943
5,0 m	DK-1641-050 214977	DK-1641-050/R 215264	DK-1641-050/Y 215271	DK-1641-050/G 215257	DK-1641-050/B 215233	DK-1641-050/BL 215240		DK-1641-050-CO 215950
7,0 m	DK-1641-070 214984	DK-1641-070/R 215301	DK-1641-070/Y 215318	DK-1641-070/G 215295	DK-1641-070/B 215288	DK-1641-070/BL 215325		DK-1641-070-CO 215967
10,0 m	DK-1641-100 214991	DK-1641-100/R 215363	DK-1641-100/Y 215370	DK-1641-100/G 215356	DK-1641-100/B 215332	DK-1641-100/BL 215349		DK-1641-100-CO 215974
15,0 m	DK-1641-150 215004							DK-1641-150-CO 215981
20,0 m	DK-1641-200 215011							DK-1641-200-CO 215998
30,0 m	DK-1641-300 215028							DK-1641-300-CO 216001

CAT 6_A, Class E_A, S-FTP PimF Patch Cable

- 2 x RJ45 shielded connectors
- with latch protection
- Boots with kink protections and strain reliefs
- Cable DRAKA UC 900 SS Cat7 S-FTP PimF
- UL-listed
- Qualified for 1 Gbit Ethernet



Ready for PoE



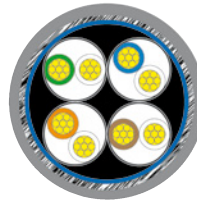
Please choose your requested product by the corresponding article number or the EAN code.



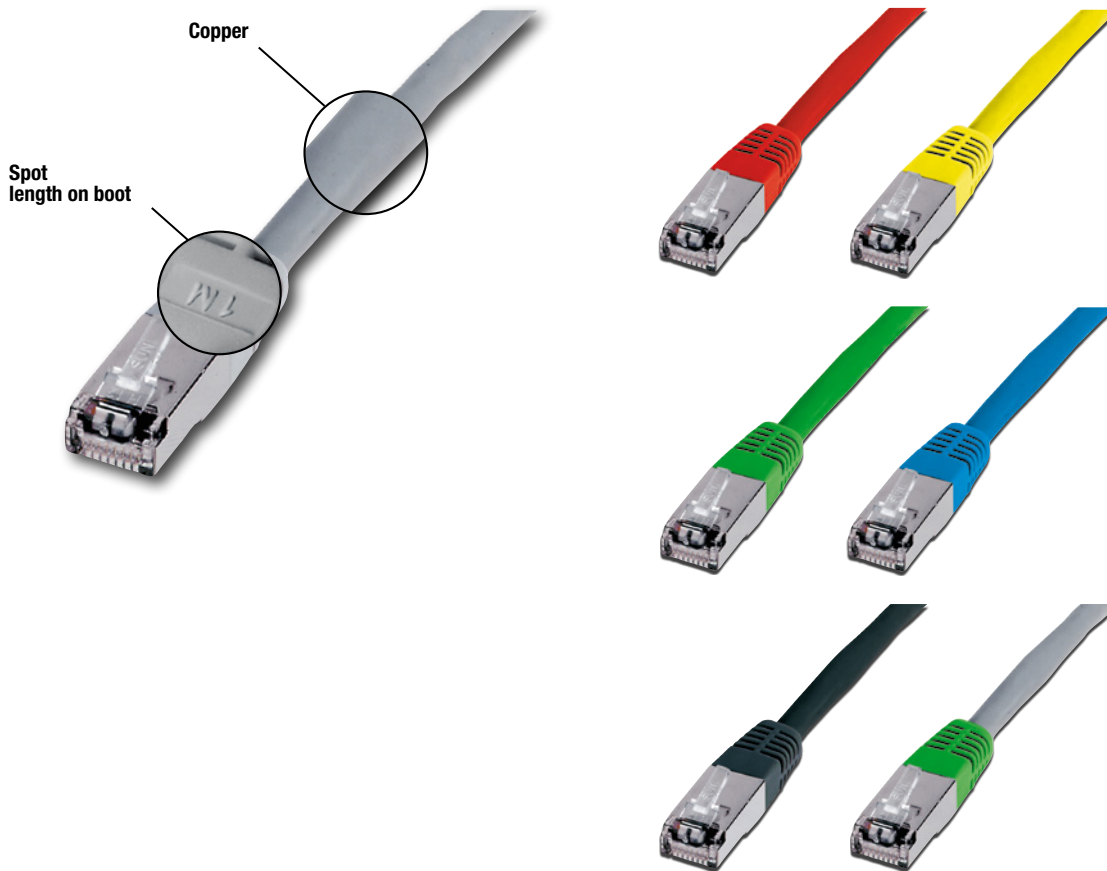
	grey	red	yellow	green	blue
0,5 m	DK-1643-A-005 296249	DK-1643-A-005/R 296270	DK-1643-A-005/Y 296287	DK-1643-A-005/G 296263	DK-1643-A-005/B 296256
1,0 m	DK-1643-A-010 296294	DK-1643-A-010/R 296324	DK-1643-A-010/Y 296331	DK-1643-A-010/G 296317	DK-1643-A-010/B 296300
2,0 m	DK-1643-A-020 296348	DK-1643-A-020/R 296379	DK-1643-A-020/Y 296386	DK-1643-A-020/G 296362	DK-1643-A-020/B 296355
3,0 m	DK-1643-A-030 296393	DK-1643-A-030/R 296430	DK-1643-A-030/Y 296614	DK-1643-A-030/G 296416	DK-1643-A-030/B 296409
5,0 m	DK-1643-A-050 296621	DK-1643-A-050/R 296652	DK-1643-A-050/Y 297703	DK-1643-A-050/G 296645	DK-1643-A-050/B 296638
7,0 m	DK-1643-A-070 296676	DK-1643-A-070/R 296706	DK-1643-A-070/Y 296713	DK-1643-A-070/G 296690	DK-1643-A-070/B 296683
10,0 m	DK-1643-A-100 296720	DK-1643-A-100/R 296751	DK-1643-A-100/Y 296768	DK-1643-A-100/G 296744	DK-1643-A-100/B 296737
20,0 m	DK-1643-A-200 302155				

Premium CAT 6, Class E, S-FTP LSOH Patch Cable

- Pairs with foil and full braid shielding (PIMF) patch cables
- 4 x 2 x AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 shielded connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Connection 1 : 1
- Qualified for 1 Gbit Ethernet
- Ready for PoE



Ready for
PoE



Please choose your requested product by the corresponding article number or the EAN code.



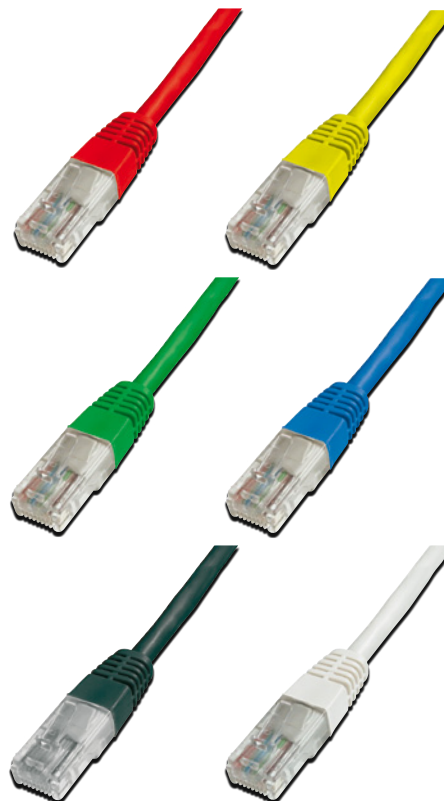
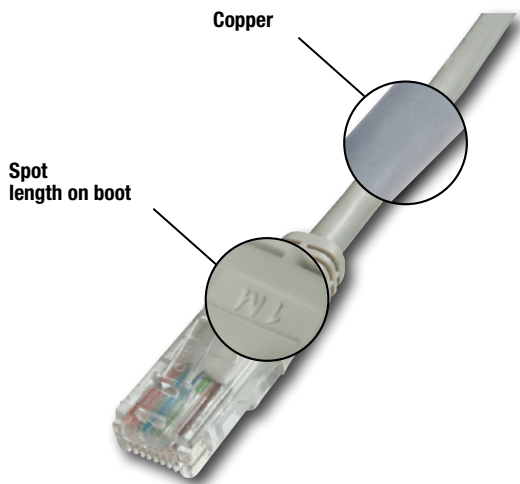
	grey	red	yellow	green	blue
0,5 m	DK-1643-005 282358	DK-1643-005/R 282327	DK-1643-005/Y 282310	DK-1643-005/G 282334	DK-1643-005/B 282341
1,0 m	DK-1643-010 282303	DK-1643-010/R 282273	DK-1643-010/Y 282266	DK-1643-010/G 282280	DK-1643-010/B 282297
2,0 m	DK-1643-020 282259	DK-1643-020/R 282228	DK-1643-020/Y 282211	DK-1643-020/G 282235	DK-1643-020/B 282242
3,0 m	DK-1643-030 282204	DK-1643-030/R 282174	DK-1643-030/Y 282167	DK-1643-030/G 282181	DK-1643-030/B 282198
5,0 m	DK-1643-050 282150	DK-1643-050/R 282129	DK-1643-050/Y 282112	DK-1643-050/G 282136	DK-1643-050/B 282143
7,0 m	DK-1643-070 282105	DK-1643-070/R 282075	DK-1643-070/Y 282068	DK-1643-070/G 282082	DK-1643-070/B 282099
10,0 m	DK-1643-100 282051	DK-1643-100/R 282020	DK-1643-100/Y 282013	DK-1643-100/G 282037	DK-1643-100/B 282044

Premium CAT 6, Class E, UTP LSOH Patch Cable

- Unshielded CAT 6 patch cables
- 4 x 2 AWG 26/7, twisted pair,
- 2 x RJ45 connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Ready for PoE
- Connection 1 : 1
- Qualified for 1 Gbit Ethernet



Ready for PoE



Please choose your requested product by the corresponding article number or the EAN code.



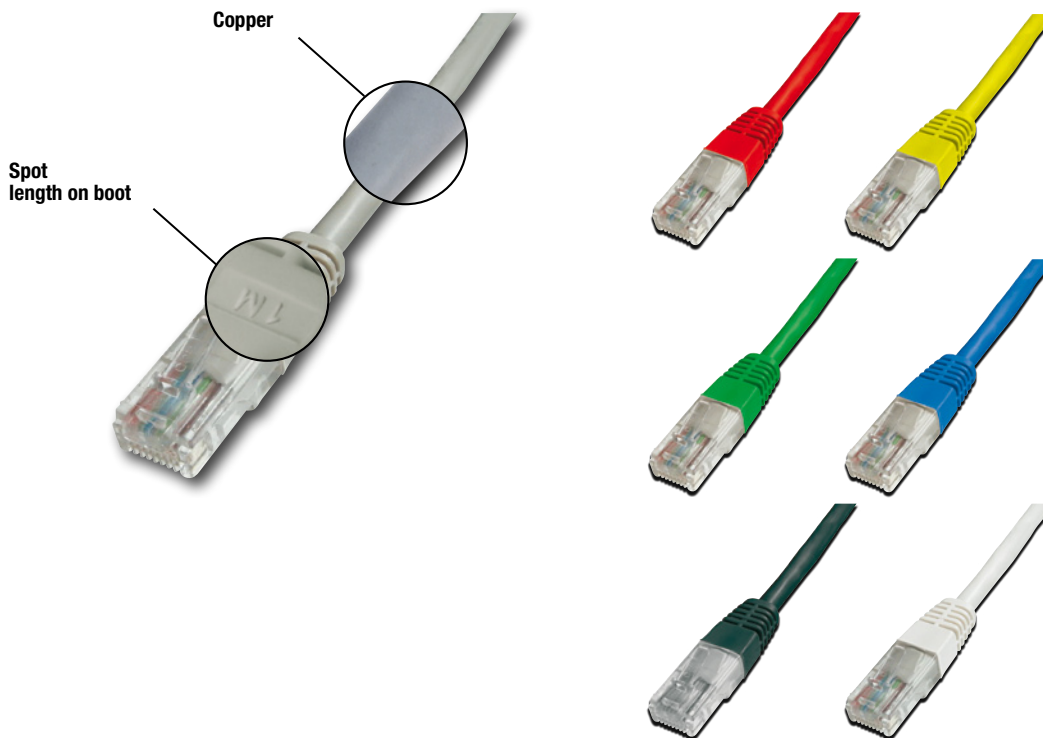
	grey	red	yellow	green	blue
0,5 m	DK-1613-005 281658	DK-1613-005/R 281689	DK-1613-005/Y 281696	DK-1613-005/G 281672	DK-1613-005/B 281665
1,0 m	DK-1613-010 281702	DK-1613-010/R 281733	DK-1613-010/Y 281740	DK-1613-010/G 281726	DK-1613-010/B 281719
2,0 m	DK-1613-020 281757	DK-1613-020/R 281788	DK-1613-020/Y 281795	DK-1613-020/G 281771	DK-1613-020/B 281764
3,0 m	DK-1613-030 281801	DK-1613-030/R 281832	DK-1613-030/Y 281849	DK-1613-030/G 281825	DK-1613-030/B 281818
5,0 m	DK-1613-050 281856	DK-1613-050/R 281887	DK-1613-050/Y 281894	DK-1613-050/G 281870	DK-1613-050/B 281863
7,0 m	DK-1613-070 281900	DK-1613-070/R 281931	DK-1613-070/Y 281948	DK-1613-070/G 281924	DK-1613-070/B 281917
10,0 m	DK-1613-100 281955	DK-1613-100/R 281986	DK-1613-100/Y 281993	DK-1613-100/G 281979	DK-1613-100/B 281962

Premium CAT 6, Class E, U-UTP Patch Cable

- Unshielded CAT 6 patch cables
- 4 x 2 AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Qualified for 1 Gbit Ethernet
- Ready for PoE
- Connection 1 : 1



Ready for PoE



Please choose your requested product by the corresponding article number or the EAN code.



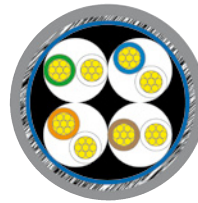
	grey	red	yellow	green	blue	black	white
0,5 m	DK-1611-005 214205	DK-1611-005/R 214335	DK-1611-005/Y 214359	DK-1611-005/G 214328	DK-1611-005/B 214304	DK-1611-005/BL 214311	DK-1611-005/WH 214342
1,0 m	DK-1611-010 214212	DK-1611-010/R 214380	DK-1611-010/Y 214410	DK-1611-010/G 214373	DK-1611-010/B 214366	DK-1611-010/BL 214403	DK-1611-010/WH 214397
2,0 m	DK-1611-020 214229	DK-1611-020/R 214458	DK-1611-020/Y 214472	DK-1611-020/G 214434	DK-1611-020/B 214427	DK-1611-020/BL 214441	DK-1611-020/WH 214465
3,0 m	DK-1611-030 214236	DK-1611-030/R 214519	DK-1611-030/Y 214533	DK-1611-030/G 214502	DK-1611-030/B 214489	DK-1611-030/BL 214496	DK-1611-030/WH 214526
5,0 m	DK-1611-050 214243	DK-1611-050/R 214571	DK-1611-050/Y 214595	DK-1611-050/G 214564	DK-1611-050/B 214540	DK-1611-050/BL 214557	DK-1611-050/WH 214588
7,0 m	DK-1611-070 214250	DK-1611-070/R 214632	DK-1611-070/Y 214649	DK-1611-070/G 214625	DK-1611-070/B 214601	DK-1611-070/BL 214618	DK-1611-070/WH 214656
10,0 m	DK-1611-100 214267	DK-1611-100/R 214694	DK-1611-100/Y 214717	DK-1611-100/G 214687	DK-1611-100/B 214663	DK-1611-100/BL 214670	DK-1611-100/WH 214700
15,0 m	DK-1611-150 214274						
20,0 m	DK-1611-200 214281						
30,0 m	DK-1611-300 214298						

CAT 5e Patch Cables

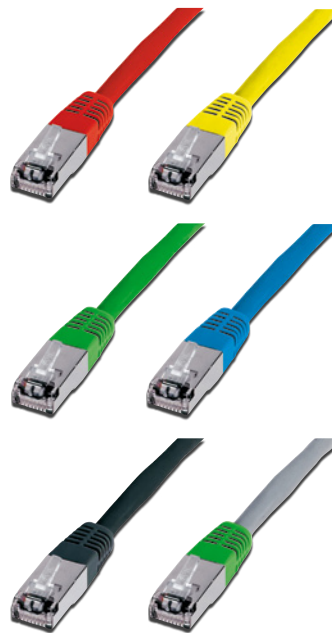
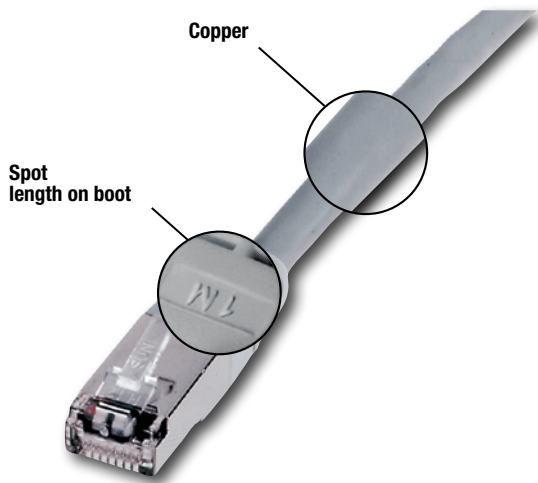


Premium CAT 5e, Class D, SF-UTP Patch Cable

- Foil and braid shielded CAT 5e patch cables
- 4 x 2 AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Qualified for 1 Gbit Ethernet
- Ready for PoE



Ready for PoE



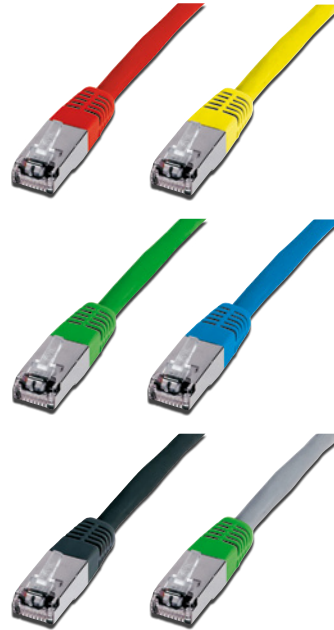
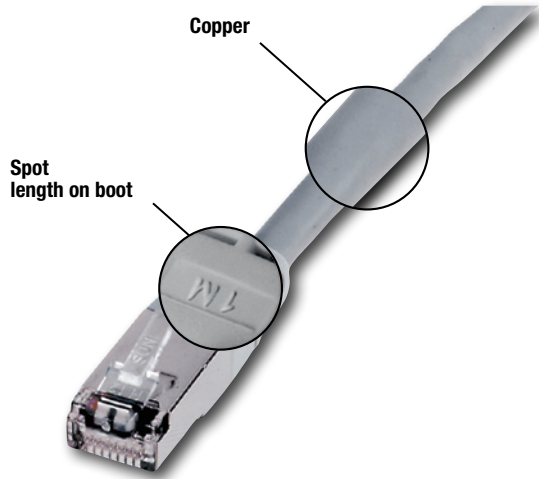
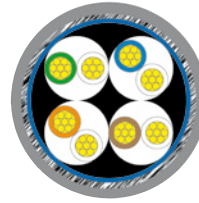
Please choose your requested product by the corresponding article number or the EAN code.



	grey	red	yellow	green	blue	black	white	crossover
0,25 m	DK-1531-0025 288589	DK-1531-0025/R 288626	DK-1531-0025/Y 288633	DK-1531-0025/G 288619	DK-1531-0025/B 288596	DK-1531-0025/BL 288602	DK-1531-0025/WH 288640	
0,5 m	DK-1531-005 212249	DK-1531-005/R 213734	DK-1531-005/Y 213741	DK-1531-005/G 213727	DK-1531-005/B 213703	DK-1531-005/BL 213710		DK-1531-005-CO 215820
1,0 m	DK-1531-010 213079	DK-1531-010/R 213789	DK-1531-010/Y 213796	DK-1531-010/G 213772	DK-1531-010/B 213758	DK-1531-010/BL 213765		DK-1531-010-CO 215905
2,0 m	DK-1531-020 213086	DK-1531-020/R 213833	DK-1531-020/Y 213840	DK-1531-020/G 213819	DK-1531-020/B 213802	DK-1531-020/BL 213826		DK-1531-020-CO 215837
3,0 m	DK-1531-030 213093	DK-1531-030/R 213888	DK-1531-030/Y 213895	DK-1531-030/G 213864	DK-1531-030/B 213857	DK-1531-030/BL 213871		DK-1531-030-CO 215844
5,0 m	DK-1531-050 213109	DK-1531-050/R 213932	DK-1531-050/Y 213949	DK-1531-050/G 213925	DK-1531-050/B 213901	DK-1531-050/BL 213918		DK-1531-050-CO 215851
7,0 m	DK-1531-070 213116	DK-1531-070/R 213987	DK-1531-070/Y 213994	DK-1531-070/G 213970	DK-1531-070/B 213956	DK-1531-070/BL 213963		
10,0 m	DK-1531-100 213123	DK-1531-100/R 214038	DK-1531-100/Y 214045	DK-1531-100/G 214021	DK-1531-100/B 214007	DK-1531-100/BL 214014		DK-1531-100-CO 215868
15,0 m	DK-1531-150 213130	DK-1531-150/R 214083	DK-1531-150/Y 214090	DK-1531-150/G 214076	DK-1531-150/B 214052	DK-1531-150/BL 214069		DK-1531-150-CO 215875
20,0 m	DK-1531-200 213147	DK-1531-200/R 214137	DK-1531-200/Y 214144	DK-1531-200/G 214120	DK-1531-200/B 214106	DK-1531-200/BL 214113		DK-1531-200-CO 215882
30,0 m	DK-1531-300 213154	DK-1531-300/R 214175	DK-1531-300/Y 214182	DK-1531-300/G 214168	DK-1531-300/B 214151	DK-1531-300/BL 214199		DK-1531-300-CO 215899

Premium CAT 5e, Class D, F-UTP Patch Cable

- Foil shielded CAT 5e patch cables
- 4 x 2 AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 shielded connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Qualified for 1 Gbit Ethernet
- Ready for PoE



Please choose your requested product by the corresponding article number or the EAN code.



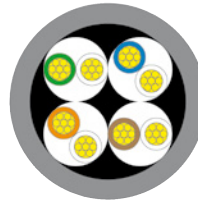
	grey	red	yellow	green	blue	black	white	crossover
0,25 m	DK-1521-0025 288510	DK-1521-0025/R 288558	DK-1521-0025/Y 288565	DK-1521-0025/G 288541	DK-1521-0025/B 288527	DK-1521-0025/BL 288534	DK-1521-0025/WH 288572	
0,3 m								DK-1521-003-CO 215721
0,5 m	DK-1521-005 212232	DK-1521-005/R 213192	DK-1521-005/Y 213208	DK-1521-005/G 213185	DK-1521-005/B 213161	DK-1521-005/BL 213178		DK-1521-005-CO 215738
1,0 m	DK-1521-010 212966	DK-1521-010/R 213246	DK-1521-010/Y 213253	DK-1521-010/G 213239	DK-1521-010/B 213215	DK-1521-010/BL 213222		DK-1521-010-CO 215745
2,0 m	DK-1521-020 212973	DK-1521-020/R 213291	DK-1521-020/Y 213307	DK-1521-020/G 213284	DK-1521-020/B 213260	DK-1521-020/BL 213277		DK-1521-020-CO 215752
3,0 m	DK-1521-030 212980	DK-1521-030/R 213345	DK-1521-030/Y 213352	DK-1521-030/G 213338	DK-1521-030/B 213314	DK-1521-030/BL 213321		DK-1521-030-CO 215769
5,0 m	DK-1521-050 212997	DK-1521-050/R 213390	DK-1521-050/Y 213406	DK-1521-050/G 213383	DK-1521-050/B 213369	DK-1521-050/BL 213376		DK-1521-050-CO 215776
7,0 m	DK-1521-070 213000							
10,0 m	DK-1521-100 213017	DK-1521-100/R 213499	DK-1521-100/Y 213505	DK-1521-100/G 213482	DK-1521-100/B 213468	DK-1521-100/BL 213475		DK-1521-100-CO 215783
15,0 m	DK-1521-150 213024	DK-1521-150/R 213543	DK-1521-150/Y 213550	DK-1521-150/G 213536	DK-1521-150/B 213512	DK-1521-150/BL 213529		DK-1521-150-CO 215790
20,0 m	DK-1521-200 213031	DK-1521-200/R 213598	DK-1521-200/Y 213604	DK-1521-200/G 213581	DK-1521-200/B 213567	DK-1521-200/BL 213574		DK-1521-200-CO 215806
30,0 m	DK-1521-300 213048							DK-1521-300-CO 215813
50,0 m	DK-1521-500 213055							

CAT 5e Patch Cables

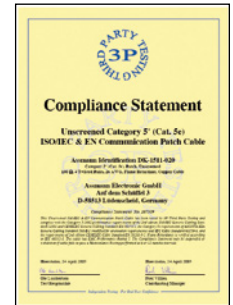
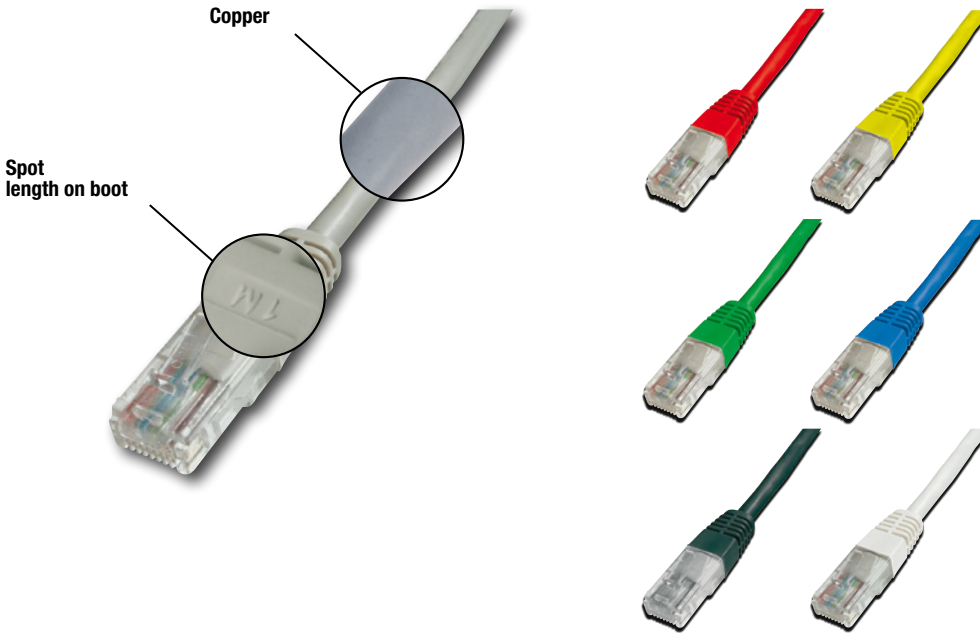


Premium CAT 5e, Class D, U-UTP Patch Cable

- Unshielded CAT 5e patch cables
- 4 x 2 AWG 26/7, twisted pair, 100 Ohm
- 2 x RJ45 connectors
- Boot with kink protection and strain relief
- Spot length on boot
- Connection 1 : 1
- Qualified for 1Gbit Ethernet
- Ready for PoE



Ready for
PoE



Please choose your requested product by the corresponding article number or the EAN code.



	grey	red	yellow	green	blue	black	white
0,25 m	DK-1511-0025 288435	DK-1511-0025/R 288480	DK-1511-0025/Y 288497	DK-1511-0025/G 288473	DK-1511-0025/B 288442	DK-1511-0025/BL 288466	DK-1511-0025/WH 288503
0,5 m	DK-1511-005 212119	DK-1511-005/R 212287	DK-1511-005/Y 212300	DK-1511-005/G 212270	DK-1511-005/B 212126	DK-1511-005/BLACK 212263	DK-1511-005/WH 212294
1,0 m	DK-1511-010 212102	DK-1511-010/R 212348	DK-1511-010/Y 212362	DK-1511-010/G 212324	DK-1511-010/B 212317	DK-1511-010/BLACK 212331	DK-1511-010/WH 212355
1,5 m	DK-1511-015 212133	DK-1511-015/R 212409	DK-1511-015/Y 212423	DK-1511-015/G 212393	DK-1511-015/B 212379	DK-1511-015/BLACK 212386	DK-1511-015/WH 212416
2,0 m	DK-1511-020 212140	DK-1511-020/R 212454	DK-1511-020/Y 212461	DK-1511-020/G 212447	DK-1511-020/B 212430	DK-1511-020/BLACK 212485	DK-1511-020/WH 212478
3,0 m	DK-1511-030 212157	DK-1511-030/R 212522	DK-1511-030/Y 212546	DK-1511-030/G 212515	DK-1511-030/B 212492	DK-1511-030/BLACK 212508	DK-1511-030/WH 212539
5,0 m	DK-1511-050 212164	DK-1511-050/R 212584	DK-1511-050/Y 212607	DK-1511-050/G 212577	DK-1511-050/B 212553	DK-1511-050/BLACK 212560	DK-1511-050/WH 212591
7,0 m	DK-1511-070 212171	DK-1511-070/R 212645	DK-1511-070/Y 212669	DK-1511-070/G 212621	DK-1511-070/B 212614	DK-1511-070/BLACK 212638	DK-1511-070/WH 212652
10,0 m	DK-1511-100 212188	DK-1511-100/R 212706	DK-1511-100/Y 212720	DK-1511-100/G 212690	DK-1511-100/B 212676	DK-1511-100/BLACK 212683	DK-1511-100/WH 212713
15,0 m	DK-1511-150 212195	DK-1511-150/R 212768	DK-1511-150/Y 212775	DK-1511-150/G 212751	DK-1511-150/B 212737	DK-1511-150/BLACK 212744	DK-1511-150/WH 212782
20,0 m	DK-1511-200 212201	DK-1511-200/R 212829	DK-1511-200/Y 212843	DK-1511-200/G 212812	DK-1511-200/B 212799	DK-1511-200/BLACK 212805	DK-1511-200/WH 212836
25,0 m	DK-1511-250 212218						
30,0 m	DK-1511-300 212225	DK-1511-300/R 212928	DK-1511-300/Y 212935	DK-1511-300/G 212911	DK-1511-300/B 212904	DK-1511-300/BLACK 212959	DK-1511-300/WH 212942

Premium CAT 5e, Class D, unshielded flat Patch Cable

- Spot length on boot
- Boot with strain relief
- UL-listed
- Connection 1 : 1



The premium flat patch cable is perfect to lay under laminate, carpets or behind skirting boards.

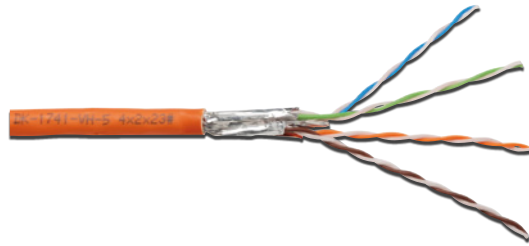
Please choose your requested product by the corresponding article number or the EAN code.



	yellow	green	black	white
0,5 m	DK-1511-005F/Y 275367	DK-1511-005F/G 275343	DK-1511-005F/BL 275350	DK-1511-005F/WH 274094
1,0 m	DK-1511-010F/Y 275398	DK-1511-010F/G 275381	DK-1511-010F/BL 275374	DK-1511-010F/WH 274001
2,0 m	DK-1511-020F/Y 275428	DK-1511-020F/G 275411	DK-1511-020F/BL 275404	DK-1511-020F/WH 274087
3,0 m	DK-1511-030F/Y 275459	DK-1511-030F/G 275442	DK-1511-030F/BL 275435	DK-1511-030F/WH 273998
5,0 m	DK-1511-050F/Y 275480	DK-1511-050F/G 275473	DK-1511-050F/BL 275466	DK-1511-050F/WH 274018
7,5 m	DK-1511-075F/Y 275510	DK-1511-075F/G 275503	DK-1511-075F/BL 275497	DK-1511-075F/WH 274070

CAT 7, Class F, Twisted Pair Installation Cable

4x2xAWG23 S-FTP CAT 7 1000 MHz LSOH Installation cable
 Category 7 S/FTP indoor cable, conforming to ISO/IEC-11801 & IEC 61156-5.
 The cable contains 4 individually foil-shielded twisted pairs cabled together,
 overall shielded with a tinned-copper braid overall jacketed with LSOH
 compound for indoor use, conforming to IEC 60233-1.



Physical Description	
Basic Conductor	Solid 23AWG, bare annealed copper (0.57mm nom.)
Insulation	SFS-PO.
Total number of insulated conductors	8, twisted in 4 pairs.
Color code	Blue x White, Orange x White, Green x White, Brown x White.
Individual pair shield	Aluminum foil, providing 100% coverage, foil face out.
Overall shield	Tin-coated copper wire braid, 35% nom. coverage.
Drain wire	None.
Outer jacket	Low-smoke, Zero-halogen, Flame-retardant compound for indoor use.
Outer jacket thickness	0.6 mm nom.
Color	Orange RAL 2000.
Overall Diameter	7.5 mm nom.
Surface Marking	DIGITUS® DK-1741-VH-5 4x2x23# S/FTP CATEGORY 7 SHIELDED LSOH CABLE VERIFIED to CAT 7 ISO/IEC-11801 & IEC 61156-5 FR IEC 60332-1 CE 2002/95/EC (RoHS) [Meter Mark] METER [Batch Number]

Mechanical Properties	
Bend Radius	Dynamic: 8xD mm min. Static: 4xD mm min
Storage Temperature	-20 to +75C
Temperature installation range	0 to +50C
Temperature operating range	-20 to +60C
Flame Tests	IEC 60332-1 (Fire), IEC 60754 (gas) & IEC 61034 (smoke)
Pulling force	150 N max.
Caloric value	650 KJ/m
Total Weight	68 Kg/Km nom.

Electrical Properties	
Mean Impedance	100±5 Ohm @ 1-600 MHz
Vp	75-77% nom.
Capacitance	40 pF/m nom @ 1 KHz
Capacitance unbalance to ground	1.6 pF/m max. @ 1 KHz
Insulation Resistance	0.5 GOhm•Km min.
DC Resistance	72 Ohm/Km max. (2% max. resistance unbalance).
DC Loop Resistance	147 Ohm/Km max. (2% max. resistance unbalance).
Voltage rating	72Vdc max.
Coupling attenuation	85dB min @ 30-100 MHz. 85-20Log(f/100) dB min. @ 100-1000 MHz.
PS-ANEXT Loss	92.5-15Log(f) dB min. @ 1-600 MHz (67dB max.).
PS-AAACRF	78.2-20Log(f) dB min. @ 1-600 MHz (67dB max.).
Phase delay	534+36/f½ nS/100m max. @ f=1-1000 MHz.
Delay Skew	25 nS/100m max.

Transmission Properties									
FREQ. MHz	Insertion Loss dB/100m	NEXT dB	PS NEXT dB	EL FEXT dB/100m	PS EL FEXT dB/100m	RL dB	TCL dB	EL-TCTL dB	
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ	
10.00	5.5	98.0	95.0	95.0	91.6	26.0	40	15	
20.00	7.9	98.0	95.0	98.0	88.6	26.0	36	7.0	
62.50	14.5	98.0	95.0	86.0	82.6	26.0	32	NS	
100.00	18.5	98.0	95.0	82.0	78.6	24.0	30	NS	
200.00	29.6	88.0	85.0	70.0	66.6	22.0	27	NS	
300.00	32.8	87.0	84.0	67.0	63.6	21.0	NS	NS	
600.00	47.6	86.0	83.0	52.0	48.6	19.0	NS	NS	
900.00	60.4	80.0	77.0	48.0	44.6	18.0	NS	NS	
1000.00	64.8	78.0	75.0	47.0	44.6	18.0	NS	NS	
1200.00	68.0	70.0	69.0	40.0	38.0	18.0	NS	NS	



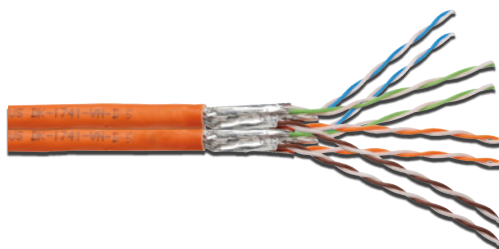
247449 / DK-1741-VH-1
 100m ring, CAT 7 Twisted Pair Installation Cable

241324 / DK-1741-VH-5
 500m ring, CAT 7 Twisted Pair Installation Cable

267508 / DK-1741-VH-10
 1000m drum, CAT 7 Twisted Pair Installation Cable

CAT 7, Class F, S-FTP Twisted Pair Installation Cable

2x 4x2xAWG23 S-FTP CAT 7 1000 MHz LSOH installation cable
 Suitable for building structured cabling in the secondary and tertiary area.
 For installation of cable lines of class F, 1000 MHz.
 Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1



Physical Description	
Basic Conductor	solid AWG 23/1, bare annealed copper (0.57mm nom.)
Insulation	SFS-PO
Total number of insulated conductors	2x8, twisted in 2x4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	Aluminium foil, providing 100% coverage, foil face out
Overall shield	tin-coated copper wire braid, 35% nom. coverage
Outer jacket	low-smoke, zero-halogen, flame retardant, non corrosive compound for indoor use
Outer jacket thickness	0.6 mm nom.
Color	orange RAL 2000.
Overall diameter	16x7.5 mm nom.
Copper (kg/km)	56
Print	DIGITUS® DK-1741-VH-D-5 2x 4x2x23# S/FTP CATEGORY 7 SHIELDED LSOH CABLE VERIFIED to CAT 7 ISO/IEC-11801 & IEC 61156-5 FR IEC 60332-1 CE 2002/95/EC (RoHS) [Meter Mark] METER [Batch Number]

Mechanical Properties	
Bend radius	dynamic: 8xD mm min., static: 4xD mm min.
Storage temperature	-20 to +75C
Temperature installation range	0 to +50C
Temperature operating range	-20 to +60C
Flame tests	IEC 60332-1 (fire), IEC 60754 (gas) & IEC 61034 (smoke)
Pulling force	150 N max.
Caloric value	650 KJ/m
Total weight	136 Kg/Km nom.

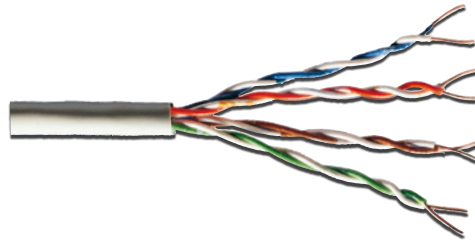
Electrical Properties	
Mean impedance	100±5 Ohm bei 1-600 MHz
Vp	75-77% nom.
Capacitance	40 pF/m nom bei 1 KHz
Capacitance unbalance to ground	1.6 pF/m max. bei 1 KHz
Insulation resistance	0.5 GOhm•Km min.
DC resistance	72 Ohm/Km max. (2% max. resistance unbalance).
DC loop resistance	147 Ohm/Km max. (2% max. resistance unbalance).
Voltage resistance	72Vdc max.
Coupling attenuation	85dB min bei 30-100 MHz. 85-20Log(f/100) dB min. at 100-1000 MHz.
PS-ANEXT loss	92.5-15Log(f) dB min. at 1-600 MHz (67dB max.)
PS-AACRF	78.2-20Log(f) dB min. at 1-600 MHz (67dB max.)
Phase delay	534+36/f½ nS/100m max. bei f=1-1000 MHz.
Delay skew	25 nS/100m max.

Transmission Properties								
Frequenz (MHz)	Absorbability (dB/100m)	Next (dB)	PS Next (dB)	ACR (dB)	PS ACR (dB)	Elfext (dB)	PS Elfext (dB)	EL-TCTL (dB)
1	1.8	100	97	98	94	105	103	23
4	3.4	100	97	97	92	93	91	25
10	5.4	100	97	95	90	85	83	30
100	17.4	100	97	97	78	65	63	25
250	28.1	90	87	87	68	57	55	23
500	40.0	86	83	58	54	50	48	23
600	44.8	60.7	82	44	40	49	47	23
1000	58.4	82	79	23	20	45	43	20
1200	68.0	70	69	18	15	40	38	18



CAT 6, Class E, U-UTP Twisted Pair Installation Cable

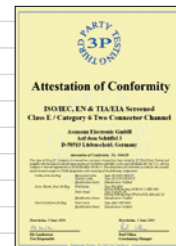
4x2xAWG23 U-UTP CAT 6 250 MHz installation cable
 Suitable for building structured cabling in the secondary and tertiary area.
 For installation of cable lines of class E, 250 MHz.
 Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-5-1



Physical Description	
Basic Conductor	solid AWG 23/1, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 2x4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	none
Outer jacket	PVC
Color	grey

Mechanical Properties	
Bend radius	dynamic: 8xD mm min., static: 4xD mm min.
Storage temperature	-20 to +60C
Temperature installation range	0 to +50C

Electrical Properties	
DC loop resistance	≤ 148.6Ω km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB



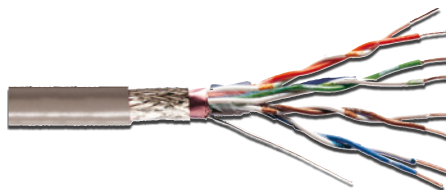
Transmission Properties								
FREQ. MHz	Absorbability dB/100m	NEXT dB	PS NEXT dB	ACR-N dB/100m	PS ACR-N dB/100m	ACR-F dB/100m	PS ACR-F dB/100m	Return loss dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	65,0	62,0	62,0	59,0	63,3	60,3	19,0
4	4	63,0	60,5	59,0	56,5	51,2	48,2	19,0
8	5,7	58,2	55,6	52,5	49,9	45,2	42,2	19,0
10	6,3	56,6	54,0	50,2	47,7	43,3	40,3	19,0
16	8	53,2	50,6	45,2	42,6	39,2	36,2	18,0
20	9	21,6	49,0	42,6	39,9	37,2	34,2	17,5
25	10,1	50,0	47,3	39,9	37,2	35,3	32,3	17,0
31,25	11,4	48,4	45,7	37,0	34,3	33,4	30,4	16,5
62,5	16,5	43,4	40,6	26,9	24,1	27,3	24,3	14,0
100	21,3	39,9	37,1	48,6	15,8	23,3	20,3	12,0
200	31,5	34,8	31,9	3,3	0,3	17,2	14,2	9,0
250	35,9	33,1	30,2	-2,8	-5,8	15,3	12,3	8,0



241225 / DK-1611-V-1 100m ring, CAT 6 U-UTP Twisted Pair Installation Cable
241232 / DK-1611-V-305 305m ring, CAT 6 U-UTP Twisted Pair Installation Cable

CAT 5e, Class D, SF-UTP LSOH Twisted Pair Installation Cable

4x2xAWG24 SF-UTP CAT 5e 100 MHz LSOH installation cable
 Suitable for building structured cabling in the secondary and tertiary area.
 For installation of cable lines of class E, 100 MHz.
 Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-1



Physical Description	
Basic Conductor	solid AWG 23/1, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 2x4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	Aluminium foil, providing 100% coverage, foil face out
Outer jacket	halogen free (LSOH)
Color	grey

Mechanical Properties	
Mean impedance	100±5 Ohm bei 1-250 MHz
Capacitance unbalance to ground	min. 1600pF/100m
Insulation resistance	0.5 GOhm*Km min
DC loop resistance	19 Ohm/100m max. (2% max. resistance unbalance)

Electrical Properties	
DC loop resistance	≤ 190Ω km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS-ACR	ELFEXT	PS-ELFEXT	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	db/100m	db/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60	57	57	54	58,6	55,6	19
4	3,9	54,8	51,8	50,9	47,9	46,6	43,6	19
8	5,5	50	47	44,5	41,5	40,0	37,5	19
10	6,2	48,5	45,5	42,3	39,3	38,6	35,6	19
16	7,9	45,2	42,2	37,3	34,3	34,5	31,5	19
20	8,9	43,7	40,7	34,8	31,8	32,6	29,6	19
25	10	42,1	39,1	32,1	29,1	30,7	27,7	18
31,25	11,2	40,5	37,5	29,3	26,3	28,7	25,7	17,1
62,5	16,2	35,7	32,7	19,4	16,4	22,7	19,7	14,1
100	21	32,3	29,3	11,3	8,3	18,6	15,6	12

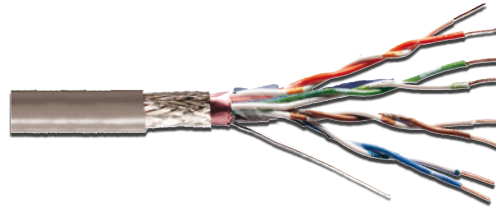


241201 / DK-1531-VH-1
 100m ring, CAT 5e SF-UTP LSOH Twisted Pair Installation Cable

241218 / DK-1531-VH-5
 500m drum, CAT 5e SF-UTP LSOH Twisted Pair Installation Cable

CAT 5e, Class D, SF-UTP Twisted Pair Installation Cable

4x2xAWG24 SF-UTP CAT 5e 100 MHz LSOH installation cable
 Suitable for building structured cabling in the secondary and tertiary area.
 For installation of cable lines of class E, 100 MHz.
 Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-1



Physical Description	
Basic Conductor	solid AWG 23/1, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 2x4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	Aluminium foil, providing 100% coverage, foil face out
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 190Ω km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ. MHz	Absorbability dB/100m	NEXT dB	PS NEXT dB	ACR dB/100m	PS ACR dB/100m	ELFEXT dB/100m	PS-ELFEXT dB/100m	Return loss dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60	57	57	54	58,6	55,6	19
4	3,9	54,8	51,8	50,9	47,9	46,6	43,6	19
8	5,5	50	47	44,5	41,5	40,6	37,5	19
10	6,2	48,5	45,5	42,3	39,3	38,6	35,6	19
16	7,9	45,2	42,2	37,3	34,3	34,5	31,5	19
20	8,9	43,7	40,7	34,8	31,8	32,6	29,6	19
25	10	42,1	39,1	32,1	29,1	30,7	27,7	18
31,25	11,2	40,5	37,5	29,3	26,3	28,7	25,7	17,1
62,5	16,2	35,7	32,7	19,4	16,4	22,7	19,7	14,1
100	21	32,3	29,3	11,3	8,3	18,6	15,6	12

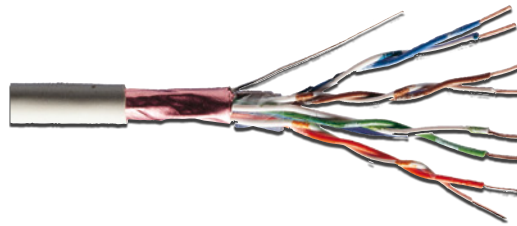


241157 / DK-1531-V-1
 100m ring, CAT 5e SF-UTP Twisted Pair Installation Cable

241164 / DK-1531-V-305
 305m ring, CAT 5e SF-UTP Twisted Pair Installation Cable

CAT 5e, Class D, F-UTP Twisted Pair Installation Cable

4x2xAWG24 F-UTP CAT 5e 100 MHz installation cable
 Suitable for building structured cabling in the secondary and tertiary area.
 For installation of cable lines of class D, 100 MHz.
 Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-1



Physical Description	
Basic Conductor	solid AWG 24/1, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	Aluminium foil, providing 100% coverage, foil face out
Outer jacket	PVC
Color	grey

Mechanical Properties	
Mean impedance	100±5 Ohm bei 1-250 MHz
Capacitance unbalance to ground	min. 1600pF/100m
Insulation resistance	0.5 GOhm*Km min
DC loop resistance	19 Ohm/100m max. (2% max. resistance unbalance)

Electrical Properties	
DC loop resistance	≤ 190Ω km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB



Transmission Properties						
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS-ACR	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60	57	57	54	19
4	3,9	54,8	51,8	50,9	47,9	19
8	5,5	50	47	44,5	41,5	19
10	6,2	48,5	45,5	42,3	39,3	19
16	7,9	45,2	42,2	37,3	34,3	19
20	8,9	43,7	40,7	34,8	31,8	19
25	10	42,1	39,1	32,1	29,1	18
31,25	11,2	40,5	37,5	29,3	26,3	17,1
62,5	16,2	35,7	32,7	19,4	16,4	14,1
100	21	32,3	29,3	11,3	8,3	12

241119 / DK-1521-V-1
 100m ring, CAT 5e F-UTP Twisted Pair Installation Cable

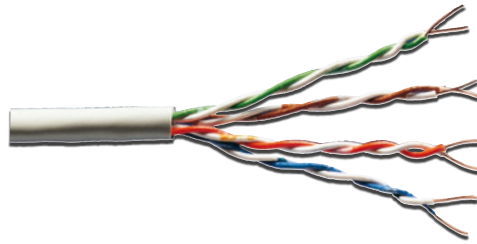
241126 / DK-1521-V-305
 305m ring, CAT 5e F-UTP Twisted Pair Installation Cable



CAT 5e, Class D, U-UTP Twisted Pair Installation Cable

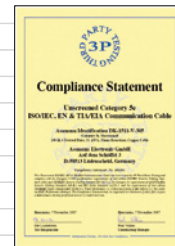
4x2xAWG24 F-UTP CAT 5e 100 MHz installation cable
Suitable for building structured cabling in the secondary and tertiary area.

For installation of cable lines of class D, 100 MHz.
Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-1



Physical Description	
Basic Conductor	solid AWG 24/1, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	none
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	$\leq 190 \Omega \text{ km}$
Resistance unbalance	$\leq 2\%$
Insulation resistance (500 V)	$\geq 2000 \Omega \cdot \text{km}$
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	$\leq 1500 \text{ pF/km}$
Characteristic impedance (1-100 MHz)	$(100 \pm 15) \Omega$
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal $\leq 535 \text{ ns/100m}$
Delay skew	Nominal $\leq 45 \text{ ns/100m}$
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	$\geq 40 \text{ dB}$



Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS ACR	ELFEXT	PS-ELFEXT	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60	57	57	54	58,6	55,6	19
4	3,9	54,8	51,8	50,9	47,9	46,6	53,6	19
8	5,5	50	47	44,5	41,5	40,6	37,5	19
10	6,2	48,5	45,5	42,3	39,3	38,6	35,6	19
16	7,9	45,2	42,2	37,3	34,3	34,5	31,5	19
20	8,9	43,7	40,7	34,8	31,8	32,6	29,6	19
25	10	42,1	39,1	32,1	29,1	30,7	27,7	18
31,25	11,2	40,5	37,5	29,3	26,3	28,7	25,7	17,1
62,5	16,2	35,7	32,7	19,4	16,4	22,7	19,7	14,1
100	21	32,3	29,3	11,3	8,3	18,6	15,6	12



241072 / DK-1511-V-1
100m ring, CAT 5e U-UTP Twisted Pair Installation Cable

241126 / DK-1511-V-305
305m ring, CAT 5e U-UTP Twisted Pair Installation Cable

CAT 7, Class F, S-FTP PiMF Patch Cable

Work area and patch cord cable
 IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T; 10GBase-T
 IEEE 802.5 16 MB; ISDN; TPDDI; ATM
 EN 50173-1; EN 50288-4-2, ISO/IEC 11801; IEC 61156-6
 PVC: IEC 60332-1
 LSHF (FRNC): IEC 60332-1; IEC 60754-2; IEC 61034



Construction	
Conductor	stranded bare copper wire \varnothing 0.42 mm (AWG 27/7)
Insulation	Foam Skin Polyethylene, \varnothing 0.98 mm
Twisting	2 cores to the pair
Pair screen	Al-laminated plastic foil
Cable lay up	4 pairs (PiMF) to the core
Screen	Copper braid, tinned
Sheath	LSOH, color see "Technical data"
Color	orange

Mechanical properties		
Bending radius	without load	≥ 25 mm
	with load	≥ 50 mm
Temperature range	during operation	-20°C to + 60°C
	during installation	0°C to + 50°C

Electrical properties		
Loop resistance		$\geq 340 \Omega/\text{km}$
Resistance unbalance		$\geq 3\%$
Insulation resistance	(500 V)	$\geq 2000 \text{ M}\Omega \cdot \text{km}$
Mutual capacitance	at 800 Hz	Nom. 43 nF/km
Capacitance unbalance	(pair/ground)	$\geq 1500 \text{ pF/km}$
Characteristic impedance	(1-100 MHz)	(100 \pm 15) Ω
	(100 - 250) MHz	(100 \pm 18) Ω

Übertragungseigenschaften gem. Cat 7 (bei 20°C)							
FREQ.	Attenuation	NEXT	PS NEXT	ACR	ELFEXT	PS-ELFEXT	Return loss
MHz	dB/10m	dB	dB	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1,0	0,3	90	87	87	80	77	23
4,0	0,6	90	87	84	80	77	24
10,0	1,0	90	87	80	80	77	25
16,0	1,3	90	87	77	76	73	25
20,0	1,4	90	87	76	74	71	25
31,2	1,8	90	87	72	70	67	25
62,5	2,6	90	87	64	64	61	23
100,0	3,2	87	84	55	60	57	21
125,0	3,6	85	82	49	58	55	20
155,5	4,0	84	81	44	56	53	19
175,0	4,3	83	80	40	55	52	19
200,0	4,6	82	79	36	54	51	18
250,0	5,1	81	78	30	52	49	18
300,0	5,6	80	77	24	50	47	17
450,0	6,9	77	74	8	47	44	17
600,0	7,9	75	72	-4	44	41	17
750,0	8,7	73	70		42	39	
900,0	9,7	72	69		41	38	
1000,0	10,2	71	68		40	37	



295976 / DK-1741-PH-5
 CAT 7 S-FTP PiMF Raw Cable, color grey

296010 / DK-1741-PH-5/B
 CAT 7 S-FTP PiMF Raw Cable, color blue

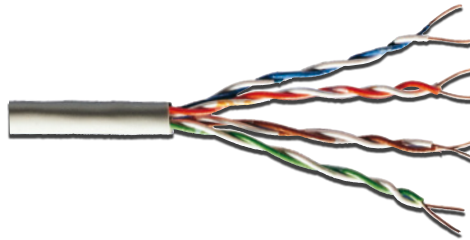
296003 / DK-1741-PH-5/G
 CAT 7 S-FTP PiMF Raw Cable, color green

295990 / DK-1741-PH-5/R
 CAT 7 S-FTP PiMF Raw Cable, color red

295983 / DK-1741-PH-5/Y
 CAT 7 S-FTP PiMF Raw Cable, color yellow

CAT 6, Class E, U-UTP Twisted Pair Patch Cable

4x2xAWG24 U-UTP CAT 6 250 MHz patch cable
 Suitable for direct assembly of RJ45 plugs for the manufacture of patch cables.
 For installation of cable lines of class E , 250 MHz.
 Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-6-2



Physical Description	
Basic Conductor	solid AWG 24/7, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	Aluminium foil, providing 100% coverage, foil face out
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 175.2Ω/ km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45 ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR-N	PS-ACR-N	ACR-F	PS ACR-F	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	65,0	62,0	62,0	59,0	63,3	60,3	
4	4	63,0	60,5	59,0	56,5	51,2	48,2	19,0
8	5,7	58,2	55,6	52,5	49,9	45,2	42,2	19,0
10	6,3	56,6	54,0	50,2	47,7	43,3	40,3	19,0
16	8	53,2	50,6	45,2	42,6	39,2	36,2	18,0
20	9	21,6	49,0	42,6	39,9	37,2	34,2	17,5
25	10,1	50,0	47,3	39,9	37,2	35,3	32,3	17,0
31,25	11,4	48,4	45,7	37,0	34,3	33,4	30,4	16,5
62,5	16,5	43,4	40,6	26,9	24,1	27,3	24,3	14,0
100	21,3	39,9	37,1	48,6	15,8	23,3	20,3	12,0
200	31,5	34,8	31,9	3,3	0,3	17,2	14,2	9,0
250	35,9	33,1	30,2	-2,8	-5,8	15,3	12,3	8,0

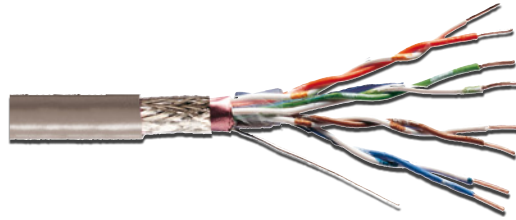


131755 / DK-1611-P-1
 100m ring, CAT 6 U-UTP Twisted Pair Patch Cable

131762 / DK-1611-P-305
 305m ring, CAT 6 U-UTP Twisted Pair Patch Cable

CAT 5e, Class E, SF-UTP Twisted Pair Patch Cable

4x2xAWG26 SF-UTP CAT 5e 100 MHz patch cable
 Suitable for direct assembly of RJ45 plugs for the manufacture of patch cables.
 For installation of cable lines of class D , 100 MHz.
 Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-2



Physical Description	
Basic Conductor	stranded AWG 26/7
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue-white, orange-white, green-white, brown-white
Individual pair shield	none
Overall shield	aluminium foil and tin-coated copper wire braid
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 280Ω/ km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45 ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS ACR-N	ACR-F	PS ACR-N	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60,0	57,0	57,0	54,0	57,4	54,4	17,0
4	4,5	53,5	50,5	49,1	46,1	45,4	42,4	17,0
8	6,3	48,6	45,6	42,3	39,3	39,3	36,3	17,0
10	7,1	47,0	44,0	39,9	36,9	37,4	34,4	17,0
16	9,1	43,6	40,6	34,5	31,5	33,3	30,3	17,0
20	10,2	42,0	39,0	31,8	28,8	31,4	28,4	17,0
25	11,4	40,3	37,3	28,9	25,9	29,4	26,4	16,0
31,25	12,9	38,7	35,7	25,9	22,9	27,5	24,5	15,1
62,5	18,6	33,6	30,6	15,0	12,0	21,5	18,5	12,1
100	24	30,1	27,1	6,1	3,1	17,4	14,4	10,0

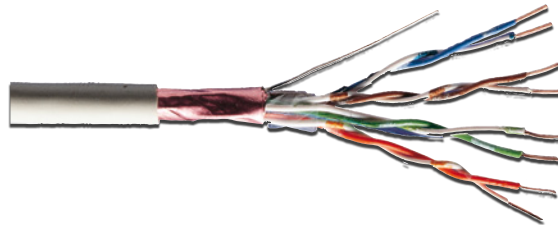
202288 / DK-1531-P-1
 100m ring, CAT 5e SF-UTP Twisted Pair Patch Cable

202295 / DK-1531-P-305
 305m ring, CAT 5e SF-UTP Twisted Pair Patch Cable



CAT 5e, Class D, F-UTP Twisted Pair Patch Cable

4x2xAWG24 U-UTP CAT 6 250 MHz patch cable
 Suitable for direct assembly of RJ45 plugs for the manufacture of patch cables.
 For installation of cable lines of class E , 250 MHz.
 Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-6-2



Physical Description	
Basic Conductor	stranded AWG 24/7
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	none
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 175.2Ω/ km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45 ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS-ACR	ACR-F	PS ACR-F	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60,0	57,0	57,0	54,0	57,4	54,4	17,0
4	4,5	53,5	50,5	49,1	46,1	45,4	42,4	17,0
8	6,3	48,6	45,6	42,3	39,3	39,3	36,3	17,0
40	7,1	47,0	44,0	39,9	36,9	37,4	34,4	17,0
16	9,1	43,6	40,6	34,5	31,5	33,3	30,3	17,0
20	10,2	42,0	39,0	31,8	28,8	31,4	28,4	17,0
25	11,4	40,3	37,3	28,9	25,9	29,4	26,4	16,0
31,25	12,9	38,7	35,7	25,9	22,9	27,5	24,5	15,1
62,5	18,6	33,6	30,6	15,0	12,0	21,5	18,5	12,1
100	24	30,1	27,1	6,1	3,1	17,4	14,4	10,0

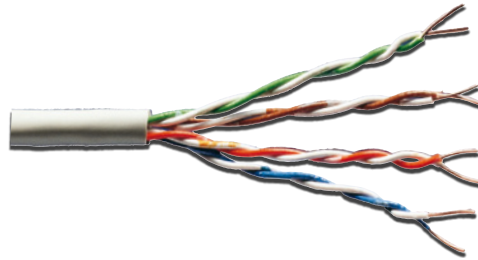


186434 / DK-1521-P-1
 100m ring, CAT 5e F-UTP Twisted Pair Patch Cable

202271 / DK-1521-P-305
 305m ring, CAT 5e F-UTP Twisted Pair Patch Cable

CAT 5e, Class D, U-UTP Twisted Pair Patch Cable

4x2xAWG26 SF-UTP CAT 5e 100 MHz patch cable
 Suitable for direct assembly of RJ45 plugs for the manufacture of patch cables.
 For installation of cable lines of class D , 100 MHz.
 Conforming to ISO/IEC 11801, DIN EN 50173, DIN EN 50288-2-2



Physical Description	
Basic Conductor	stranded AWG 24/7
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue-white, orange-white, green-white, brown-white
Individual pair shield	none
Overall shield	none
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 175.2Ω/ km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45 ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB

Transmission Properties								
FREQ.	Absorbability	NEXT	PS NEXT	ACR	PS ACR	ACR-F	PS ACR-F	Return loss
MHz	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m	dB
	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60,0	57,0	57,0	54,0	57,4	54,4	17,0
4	4,5	53,5	50,5	49,1	46,1	45,4	42,4	17,0
8	6,3	48,6	45,6	42,3	39,3	39,3	36,3	17,0
40	7,1	47,0	44,0	39,9	36,9	37,4	34,4	17,0
16	9,1	43,6	40,6	34,5	31,5	33,3	30,3	17,0
20	10,2	42,0	39,0	31,8	28,8	31,4	28,4	17,0
25	11,4	40,3	37,3	28,9	25,9	29,4	26,4	16,0
31,25	12,9	38,7	35,7	25,9	22,9	27,5	24,5	15,1
62,5	18,6	33,6	30,6	15,0	12,0	21,5	18,5	12,1
100	24	30,1	27,1	6,1	3,1	17,4	14,4	10,0



202233 / DK-1511-P-1
 100m ring, CAT 5e U-UTP Twisted Pair Patch Cable

202257 / DK-1511-P-305
 305m ring, CAT 5e SF-UTP Twisted Pair Patch Cable

Technical Data // Outlets

	DN-9001/B5-N	DN-9001-N	DN-9002/B5-N	DN-9002-N	DN-9005 B5-N	DN-9005-N	DN-9005-KL-N
Standards							
Connector	IEC 60603-7-3						
Mechanical Properties							
Material: housing outlet	Zinc Die-casting				Zinc Die-casting		
Material: faceplate/case	ABS UL94-HB				ABS UL 94-HB		
Material: contact spring	Phosphor Bronze				Phosphor Bronze		
Material: contact finish	3mm 50 micro-inch gold plated				3mm 50 micro-inch gold plated		
Material: RJ-45 (shielded housing)	Bronze with Nickel plated				Bronze with Nickel plated		
Material: IDC	Phosphor Bronze				Phosphor Bronze		
Material: IDC finish	Tin plated				Tin plated		
LSA PLUS: Cu-conductor diameter	Solid&stranded AWG 26-AWG 22				Solid&stranded AWG 26-AWG 22		
LSA PLUS: insulation diameter	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm
Color code	TIA/EIA 568 A&B				TIA/EIA 568 A&B		
Connection: strain relief/ cable shielding	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated
Cable diameter:	max. 10mm	max. 10mm	max. 10mm	max. 10mm	max. 10mm	max. 10mm	max. 10mm
Performance							
Insertion force	30N max	30N max	30N max	30N max	30N max	30N max	30N max
Mating cycle	750				750		
IDC punching time	Max. 200				Max. 200		
Operating temperature	-40°C ... +80°C				-40°C ... +80°C		
Electrical Properties							
Contact resistance	<20 mΩ	<20 mΩ	<20 mΩ	<20 mΩ	<20 mΩ	<20 mΩ	<20 mΩ
Insulation resistance	>500 MΩ	>500 MΩ	>500 MΩ	>500 MΩ	>500 MΩ	>500 MΩ	>500 MΩ
Voltage proof (contact -contact)	1000 VDC	1000 VDC	1000 VDC	1000 VDC	1000 VDC	1000 VDC	1000 VDC
Voltage proof (contact -shield)	1500 VDC	1500 VDC	1500 VDC	1500 VDC	1500 VDC	1500 VDC	1500 VDC
Operation current	1A	1A	1A	1A	1A	1A	1A
PoE conform acc. to IEEE802.3at							
Transmission Properties							
Cat. 6A							
Class EA							
Cat. 6					ISO/IEC 11801:2002 AMD1&2 ; EN50173-1:2007		
Class E							
Channel Class E							
Cat.5e	ISO/IEC 11801:2002 AMD1&2 ; EN50173-1:2007						
Cat.3							
10 Gbit Ethernet acc.to IEEE802.3an							
Gbit Ethernet acc.to. IEEE802.3							

	DN-9006/B5-N	DN-9006-N	DN-9007	DN-9008
Standards				
Connector	IEC 60603-7-5			
Mechanical Properties				
Material: housing outlet	Zinc Die-casting		Zinc Die-casting	
Material: faceplate/case	ABS UL 94-HB		ABS UL 94-HB	
Material: contact spring	Phosphor Bronze		Phosphor Bronze	
Material: contact finish	3mm 50 micro-inch gold plated		3mm 50 micro-inch gold plated	
Material: RJ-45 (shielded housing)	Bronze with Nickel plated		Bronze with Nickel plated	
Material: IDC	Phosphor Bronze		Phosphor Bronze	
Material: IDC finish	Tin plated		Tin plated	
LSA PLUS: Cu-conductor diameter	Solid&stranded AWG 26-AWG 22		Solid&stranded AWG 26-AWG 22	
LSA PLUS: insulation diameter	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm	0.7-1.6 mm
Color code	TIA/EIA 568 A&B		TIA/EIA 568 A&B	
Connection: strain relief/ cable shielding	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated	metal cramp with tin plated
Cable diameter:	max. 10mm	max. 10mm	max. 10mm	max. 10mm
Performance				
Insertion force	30N max	30N max	30N max	30N max
Mating cycle	750		750	
IDC punching time	Max. 200		Max. 200	
Operating temperature	-40°C ... +80°C		-40°C ... +80°C	
Electrical Properties				
Contact resistance	<20 mΩ	<20 mΩ	<20 mΩ	<20 mΩ
Insulation resistance	>500 MΩ	>500 MΩ	>500 MΩ	>500 MΩ
Voltage proof (contact -contact)	1000 VDC	1000 VDC	1000 VDC	1000 VDC
Voltage proof (contact -shield)	1500 VDC	1500 VDC	1500 VDC	1500 VDC
Operation current	1A	1A	1A	1A
PoE conform acc. to IEEE802.3at				
Transmission Properties				
Cat. 6A			TIA/EIA Permanent Link	
Class EA			ISO/IEC Permanent Link	
Cat. 6	ISO/IEC 11801:2002 AMD1&2 ; EN50173-1:2007			
Class E				
Channel Class E				
Cat.5e				
Cat.3				
10 Gbit Ethernet acc.to IEEE802.3an			10 Gbit Ethernet gemäß IEEE802.3an	
Gbit Ethernet acc.to. IEEE802.3				

CAT 6_A, Class E_A, Wall Outlet, Design Compatible, shielded

- CAT 6 Class EA for up to 500 MHz
- Qualified for 10 GBit Ethernet
- Design compatible with common switch programmes
- Central plate with integrated dust cover
- Shielded RJ45 sockets due to enclosed metal die cast housing
- Label window with tag
- 360° Shield coverage
- 2x Shielded RJ45 sockets
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Frame 80x80mm incl. central plate 50x50mm according to DIN 49075
- Color pure white RAL 9010

Design Compatible



278191 / DN-9007

CAT 6A Network Outlet, shielded, vertical cable entry

278207 / DN-9008

CAT 6A Network Outlet, shielded, horizontal cable entry

CAT 6_A, Class E_A, De Embedded Wall Outlets, Design Compatible, surface mount

- CAT 6, EIA/TIA 568 and ISO/IEC 11801 / EN 50173
- GHMT CAT 6 DE EMBEDDED certified according to LINK Performance CAT 6 CLASS E
- Design compatible with common switch programmes
- Central plate with integrated dust cover
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount ready
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Horizontal cable entry

Design Compatible



301974 / DN-9007-S

Cat6A Outlet, surface mount, RAL 9010

302605 / DN-9007-S-C

Cat6A Outlet, surface mount, RAL 1013

CAT 6, Class E, Wall Outlets, Design Compatible, flush mount

- CAT 6, EIA/TIA 568 and ISO/IEC 11801 / EN 50173
- GHMT CAT 6 DE EMBEDDED certified according to LINK Performance CAT 6 CLASS E
- Design compatible with common switch programmes
- Central plate with integrated dust cover
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount ready
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Cover frame in 80/80mm incl. Central plate 50x50mm according to DIN 49075
- Horizontal cable entry
- Color white RAL 9010

Design Compatible



241409 / DN-9005-KL-N

CAT 6 Outlet, flush mount

CAT 6, Class E, Wall Outlet, flush mount



- CAT 6, EIA/TIA 568 und ISO/IEC 11801 / EN 50173
- Suitable for up to 250MHz
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount ready
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Frame 80x80mm incl. central plate 50x50mm according to DIN 49075
- Horizontal cable entry
- Color RAL 9010

Class E CAT 6 tested

Channel Link certified



175711 / DN-9005-N
CAT 6 Outlet, flush mount

175759 / DN-9005/B5-N
CAT 6 Outlet, Flush mount, 5 pcs.

CAT 6, Class E, modular Wall Outlet, shielded



- CAT 6, EIA/TIA 568 and ISO/IEC 11801 / EN 50173
- Tested and 3P Channel Link certified for LINK Performance CAT 6 CLASS E for up to 250MHz, 1Gbit Ethernet
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount ready
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Cover frame in 80/80mm incl. Central plate 50x50mm according to DIN 49075
- Horizontal cable entry
- Color white RAL 9010

Class E CAT 6 tested

Channel Link certified



175735 / DN-9006-N
Cat 6 Outlet, Surface mount

175742 / DN-9006/B5-N
Cat 6 Outlet, Surface mount, 5 pcs.

CAT 5e, Class D, Wall Outlet, flush mount



Applicable for horizontal cabling systems acc. ISO/IEC 11801.2 Class Link-D

- CAT 5e, EIA TIA 568 and ISO IEC 11801 / EN 50173
- Suitable for up to 100MHz
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- Trunking system, surface / flush mount possible
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Frame 80x80mm incl. central plate 50x50mm according to DIN 49075
- Horizontal cable entry
- Color RAL 9010

design compatible



175650 / DN-9001-N
CAT 5e outlet, flush mount

175704 / DN-9001/B5-N
CAT 5e Outlet, Flush mount, 5 pcs.

CAT 5e, Class D, Wall Outlets shielded, surface mount



- CATCAT 5e, EIA TIA 568 and ISO IEC 11801 / EN 50173
- Suitable up to 100MHz
- Complete shielding of RJ45 sockets and LSA strips from enclosed metal die cast housing
- Integrated installation cable strain relief
- 40° socket angle
- On wall / in wall ready
- Cable installation via LSA strips, colour codes based on EIA/TIA 568 A & B5e Wall Outlets shielded, surface mount

175681 / DN-9002-N
Cat 5e Outlet, surface mount

175698 / DN-9002/B5-N
CAT 5e Outlet, Surface mount, 5 pcs.



Technical Data // Patch Panels

	DN-91325-1	DN-91350-1	DN-91508S	DN-91508U	DN-91512S
Standards					
Connector	IEC 60603-7-3/-7-2				
Mechanical Properties					
Material: top & bottom case	SPCC 1.5mm powder coated	SPCC 1.5mm powder coated	SPCC 1.5mm powder coated	SPCC 1.5mm powder coated	SPCC 1.5mm powder coated
Color: top & bottom case	grey RAL 7035	grey RAL 7035	Black RAL 9005	Black RAL 9005	Black RAL 9005
Material: contact spring	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: contact finish	3 µm Au	3 µm Au	3 µm Au	3 µm Au	3 µm Au
Material: IDC	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: IDC finish	Tin-Plated	Tin-Plated	Tin-Plated	Tin-Plated	Tin-Plated
LSA PLUS: Cu-conductor diameter	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22
LSA PLUS: insulation diameter	0,7 - 1,6 mm	0,7 - 1,6 mm	0,7 - 1,6 mm	0,7 - 1,6 mm	0,7 - 1,6 mm
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/ cable shielding	double metal cramp; tin plated	double metal cramp; tin plated	double metal cramp; tin plated	double metal cramp; tin plated	double metal cramp; tin plated
Cable diameter:	max. 10mm	max. 10mm	max. 10mm	max. 10mm	max. 10mm
Performance					
Insertion force	≤ 30N	≤ 30N	≤ 30N	≤ 30N	≤ 30N
Mating cycle	750	750	750	750	750
IDC punching time	Max. 200	Max. 200	Max. 200	Max. 200	Max. 200
Operating temperature	-20°C ... +70°C	-20°C ... +70°C	-10°C ... +60°C	-20°C ... +70°C	-10°C ... +60°C
Electrical Properties					
Contact resistance	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ
Insulation resistance	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ
Voltage proof (contact -contact)	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC
Voltage proof (contact -shield)	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC
Operation current	1A	1A	1A	1A	1A
PoE conform acc. to IEEE802.3at					
Transmission Properties					
Cat. 6A					
Class EA					
Cat. 6					
Class E					
Channel Class E					
Cat.5e			ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2
Cat.3	EN 50713-1;2007	EN 50713-1;2007			
10 Gbit Ethernet acc.to IEEE802.3an					
Gbit Ethernet acc.to. IEEE802.3					

Technical Data // Patch Panels

	DN-91512U	DN-91516S	DN-91524S	DN-91524U	DN-91548U
Standards					
Connector	IEC 60603-7-3/-7-2				
Mechanical Properties					
Material: top & bottom case	SPCC 1.5mm powder coated	SPCC 1.2mm powder coated	SPCC 1.2mm powder coated	SPCC 1.5mm powder coated	SPCC 1.5mm powder coated
Color: top & bottom case	Black RAL 9005	Grey RAL 7035	Grey RAL 7035	Black RAL 9005	Black RAL 9005
Material: contact spring	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: contact finish	3 µm Au	3 µm Au	3 µm Au	3 µm Au	3 µm Au
Material: IDC	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: IDC finish	Tin-Plated	Tin-Plated	Tin-Plated	Tin-Plated	Tin-Plated
LSA PLUS: Cu-conductor diameter	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22
LSA PLUS: insulation diameter	0,7 - 1,6 mm	0,7 - 1,6 mm	0,7 - 1,6 mm	0,7 - 1,6 mm	0,7 - 1,6 mm
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/ cable shielding	double metal cramp; tin plated	double metal cramp; tin plated	double metal cramp; tin plated	double metal cramp; tin plated	double metal cramp; tin plated
Cable diameter:	max. 10mm	max. 10mm	max. 10mm	max. 10mm	max. 10mm
Performance					
Insertion force	≤ 30N	≤ 30N	≤ 30N	≤ 30N	≤ 30N
Mating cycle	750	750	750	750	750
IDC punching time	Max. 200	Max. 200	Max. 200	Max. 200	Max. 200
Operating temperature	-20°C ... +70°C	-10°C ... +60°C	-10°C ... +60°C	-10°C ... +60°C	-20°C ... +70°C
Electrical Properties					
Contact resistance	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ
Insulation resistance	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ
Voltage proof (contact -contact)	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC
Voltage proof (contact -shield)	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC
Operation current	1A	1A	1A	1A	1A
PoE conform acc. to IEEE802.3at					
Transmission Properties					
Cat. 6A					
Class EA					
Cat. 6					
Class E					
Channel Class E					
Cat.5e	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2
Cat.3					
10 Gbit Ethernet acc.to IEEE802.3an					
Gbit Ethernet acc.to. IEEE802.3					

Technical Data // Patch Panels

	DN-91608S	DN-91608SD	DN-91612S	DN-91616S	DN-91616U
Standards					
Connector	IEC 60603-7-5/-7-4				
Mechanical Properties					
Material: top & bottom case	SECC 1.3mm powder coated	SECC 1.3mm powder coated	SECC 1.2mm powder coated	SECC 1.2mm powder coated	SECC 1.5mm powder coated
Color: top & bottom case	Black RAL 9005	Black RAL 9005	Black RAL 9005	Gray RAL 7035	Black RAL 9005
Material: contact spring	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: contact finish	3 µm Au	3 µm Au	3 µm Au	3 µm Au	3 µm Au
Material: IDC	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: IDC finish	Tin-Plated	Tin-Plated	Tin-Plated	Tin-Plated	Tin-Plated
LSA PLUS: Cu-conductor diameter	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22
LSA PLUS: insulation diameter	0,7 - 1,6 mm	0,7 - 1,6 mm	0,7 - 1,6 mm	0,7 - 1,6 mm	0,7 - 1,6 mm
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/ cable shielding	double metal cramp; tin plated	double metal cramp; tin plated	double metal cramp; tin plated	double metal cramp; tin plated	double metal cramp; tin plated
Cable diameter:	max. 10mm	max. 10mm	max. 10mm	max. 10mm	max. 10mm
Performance					
Insertion force	≤ 30N	≤ 30N	≤ 30N	≤ 30N	≤ 30N
Mating cycle	750	750	750	750	750
IDC punching time	Max. 200	Max. 200	Max. 200	Max. 200	Max. 200
Operating temperature	-40°C ... +80°C	-40°C ... +80°C	-10°C ... +60°C	-10°C ... +60°C	-10°C ... +60°C
Electrical Properties					
Contact resistance	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ
Insulation resistance	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ
Voltage proof (contact -contact)	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC
Voltage proof (contact -shield)	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC
Operation current	1A	1A	1A	1A	1A
PoE conform acc. to IEEE802.3at					
Transmission Properties					
Cat. 6A					
Class EA					
Cat. 6	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B. 2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B. 2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B. 2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B. 2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B. 2-1
Class E					
Channel Class E					
Cat. 5e					
Cat. 3					
10 Gbit Ethernet acc.to IEEE802.3an					
Gbit Ethernet acc.to. IEEE802.3					

Technical Data // Patch Panels

	DN-91624S	DN-91624U	DN-91648U	DN-91624S-EA
Standards				
Connector	IEC 60603-7-5/7-4			IEC 60603-7-5
Mechanical Properties				
Material: top & bottom case	SPCC 1.5mm powder coated	SPCC 1.5mm powder coated	SPCC 1.5mm powder coated	SPCC 1.5mm powder coated
Color: top & bottom case	Gray RAL 7035	Black RAL 9005	Black RAL 9005	Gray RAL 7035
Material: contact spring	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: contact finish	3 µm Au	3 µm Au	3 µm Au	3 µm Au
Material: IDC	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: IDC finish	Tin-Plated	Tin-Plated	Tin-Plated	Tin-Plated
LSA PLUS: Cu-conductor diameter	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22	Stranded&Solid wires, AWG26-AWG22
LSA PLUS: insulation diameter	0,7 - 1,6 mm	0,7 - 1,6 mm	0,7 - 1,6 mm	0,7 - 1,6 mm
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/ cable shielding	double metal cramp; tin plated	double metal cramp; tin plated	double metal cramp; tin plated	double metal cramp; tin plated
Cable diameter:	max. 10mm	max. 10mm	max. 10mm	max. 10mm
Performance				
Insertion force	≤ 30N	≤ 30N	≤ 30N	≤ 30N
Mating cycle	750	750	750	750
IDC punching time	Max. 200	Max. 200	Max. 200	Max. 200
Operating temperature	-10°C ... +60°C	-10°C ... +60°C	-10°C ... +60°C	-10°C ... +60°C
Electrical Properties				
Contact resistance	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ
Insulation resistance	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ
Voltage proof (contact -contact)	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC
Voltage proof (contact -shield)	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC
Operation current	1A	1A	1A	1A
PoE conform acc. to IEEE802.3at				
Transmission Properties				
Cat. 6A				
Class EA	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B. 2-1			ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B. 2-1
Cat. 6		ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B. 2-1	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B. 2-1	
Class E				
Channel Class E				
Cat.5e				
Cat.3				
10 Gbit Ethernet acc.to IEEE802.3an				
Gbit Ethernet acc.to. IEEE802.3				IEEE802.3an

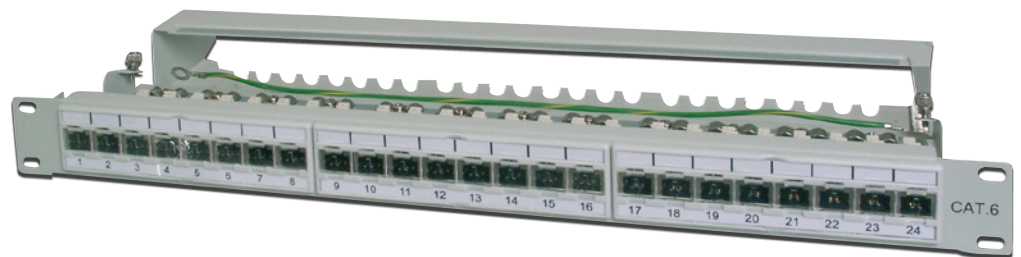
CAT 6 Class E_A patch panel, shielded

Best performance and link quality for your network



- CAT 6 Class EA for up to 500 MHz
- Qualified for 10 GBit Ethernet
- Shielded RJ45 sockets, 8P8C
- Material housing: SECC, 1,5mm Electrogalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- Suitable for 483mm (19") Rack Mount
- 360° Shield coverage
- Dust protection shutter included
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Fixing option for cable ties, central ground connection
- Complies with the 802.3at PoE+ and the 802.3af PoE standard

- Category CAT 6a
- Color light grey, RAL 7035
- Units 1



288428 / DN-91624S-EA
24-port, shielded, Rack Mount

CAT 6 Class E, Patch Panel



- Manufactured acc. Link Performance Class E, for up to 250MHz, EN 50173 and ISO/IEC 11801
- Shielded RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Fixing option for cable ties, central ground connection
- Suitable for 483mm (19") Rack Mount
- Material housing: SECC, 1,5mm Electrogalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110

- Category CAT 6
- Units 1
- Color light grey, RAL 7035



241607 / DN-91616S
16-port, shielded, Rack Mount

241614 / DN-91624S
24-port, shielded, Rack Mount

CAT 5e, Class D Patch Panel

- ISO/IEC 11801 and EN 50173
- RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Suitable for 483mm (19") Rack Mount
- Material housing: SECC, 1,5mm ElectroGalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110

- Category CAT 5e
- Color light grey, RAL 7035
- Units 1



241522 / DN-91524S
24-port, 1U, shielded

241515 / DN-91516S
16-port, 1U, shielded

CAT 6, Class E Patch Panel

- Manufactured acc. Link Performance Class E, for up to 250MHz, EN 50173 and ISO/IEC 11801
- Shielded RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Fixing option for cable ties, central ground connection
- Suitable for 483mm (19") Rack Mount
- Material housing: SECC, 1,5mm ElectroGalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110

- Category CAT 6
- Color black, RAL 9005
- Units 1



241546 / DN-91616U
16-port, unshielded, Rack Mount

241553 / DN-91624U
24-port, unshielded, Rack Mount

241560 / DN-91648U
48 port, 2U, Rack Mount

19" CAT 5e Patch Panel

- ISO/IEC 11801 and EN 50173
- RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Fixing option for cable ties
- Suitable for 483mm (19") Rack Mount
- Material housing: SECC, 1,5mm ElectroGalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110

- Category CAT 5e
- Color black, RAL 9005
- Units 1



241454 / DN-91516U
16-port, 1U, unshielded

241461 / DN-91524U
24-port, 1U, unshielded

241478 / DN-91548U
48-port, 2U, unshielded

CAT 6, Class E Patch Panel, geschirmt

- Tested according to Link Performance Class E, for up to 250MHz, ISO/IEC 11801 and EN 50173
- Shielded RJ45 sockets, 8P8C
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Fixing option for cable ties, central ground connection
- Suitable for 254mm (10") Rack Mount
- Material housing: SECC, 1,5mm Electrogalvanized, Cold-rolled Steel acc. EN1.4301, UNS S30400, AISI 304 and LMSAD110

- Category CAT 6
- Color black, RAL 9005
- Units 1



241591 / DN-91612S
12-port, shielded, Rack Mount

241577 / DN-91608S
8-port, shielded, Rack Mount

Desktop CAT 6, Class E Patch Panel, geschirmt

Applicable for SOHO solutions

Manufactured acc. Link Performance Class E, for up to 250MHz, EN 50173 and ISO/IEC 11801

- Class E, up to 250 MHz, ISO IEC 11801, EN 50173
- 1 Gbit Ethernet
- Material housing: SECC, 1,5mm Electrogalvanized, Cold-rolled Steel acc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- Shielded RJ45 sockets, 8P8C
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Fixing option for cable ties
- Central ground connection
- Desktop version

- Category CAT 6
- Color black, RAL 9005
- Units 1
- Dimensions (HxWxD) 44 x 162 x 112 mm



241584 / DN-91608SD
8-Port, geschirmt, Desktop Version

Desktop CAT 5e, Class D Patch Panel, geschirmt

Applicable for SOHO solutions

Manufactured acc. Link Performance Class D, for up to 100MHz, EN 50173 and ISO/IEC 11801

- Class D, up to 100 MHz, ISO IEC 11801, EN 50173
- Material housing: SECC, 1,5mm Electrogalvanized, Cold-rolled Steel acc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- Shielded RJ45 sockets, 8P8C
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Fixing option for cable ties
- Central ground connection
- Desktop version

- Category CAT 5e
- Ports 8
- Color black, RAL 9005
- Units 1



108931 / DN-10001
8-port, shielded, Desktop version

CAT 5e, Class D Patch Panel, shielded

- ISO/IEC 11801 and EN 50173
- RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Screw-type strain relief, fixing option for cable ties and central ground connection
- Suitable for 254mm (10") Rack Mount
- Material housing: SECC, 1,5mm Electrogalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110

- Category CAT 5e
- Color black, RAL 9005
- Units 1



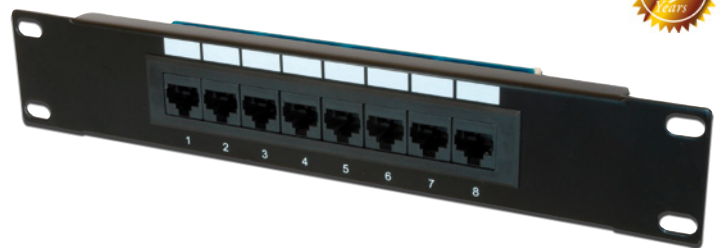
241508 / DN-91512S
12-port, shielded

241485 / DN-91508S
8-port, shielded

CAT 5e, Class D Patch Panel, unshielded

- ISO/IEC 11801 and EN 50173
- RJ45 jacks
- Cable installation via LSA strips, color codes based on EIA/TIA 568 A & B
- Screw-type strain relief, fixing option for cable ties and central ground connection
- Suitable for 254mm (10") Rack Mount
- Material housing: SECC, 1,5mm Electrogalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110

- Category CAT 5e
- Color black, RAL 9005
- Units 1



241430 / DN-91508U
8-port, unshielded

241447 / DN-91512U
12-port, unshielded

CAT 3 ISDN Patch Panel

CAT 3 ISDN Patch Panel, 25 Port 1 U

- Suitable for 483mm (19") Rack Mount
- Material housing: SECC, 1,5mm Electrogalvanized, Cold-rolled Steel accc. EN1.4301, UNS S30400, AISI 304 and LMSAD110
- Unshielded RJ45 jacks
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,3µ
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Material IDC Terminal: Phosphor Bronze with 50µ Tin plated over 60µ Nickel plated
- Material PCB: FR4, UL 94V-0, multilayer 1,45mm thickness
- Insertion force: ≤ 30N
- Mating cycles: ≥ 750 (ISO/IEC 11801, IEC 60603-7-5)
- Operating temperature: -20°C ... +70°C
- Current carrying capacity: 1A at 50°C
- Isolation resistance > 500MΩ

- Category CAT 3
- Color light grey, RAL 7035
- Units 1



269007 / DN-91325-1
25-Port, unshielded

269021 / DN-91350-1
50-Port, unshielded

Technical Data // Keystones

	DN-93501	DN-93502	DN-93511	DN-93601	DN-93602
Standards					
Connector	IEC 60603-7-3/-7-2			IEC 60603-7-5/-7-4	
Mechanical Properties					
Material: housing	-	-	Brass-Nickel plated	-	-
Material: inner isolation housing	ABS+PC UL 94V-0	ABS	ABS+PC UL 94V-0	ABS+PC UL 94V-0	ABS+PC
Material: contact spring	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: contact finish	6 µm vergolded	3 µm Au	6 µm vergolded	6 µm vergolded	3 µm Au
Material: RJ-45 (shielded housing)	-	-	-	-	-
Material: IDC	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: IDC finish	Tin-plated	Tin-plated	Tin-plated	Tin-plated	Tin-plated
Diameter: Cu-conductor	Stranded and Solid wires AWG22-26	Stranded and Solid wires AWG22-26	Stranded and Solid wires AWG22-26	Stranded and Solid wires AWG22-26	Stranded and Solid wires AWG22-26
Diameter: Insulation	0,7 ... 1,6mm				
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/ cable shielding					
Cable diameter	max. 8mm				
Performance					
Insertion force	Max. 20N	Max. 20N	Max. 30N	Max. 20N	Max. 20N
Mating cycle	750	750	750	750	750
IDC punching time	200	200	200	200	200
Operating temperature	-10°C ... +60°C	-10°C ... +60°C	-10°C ... +60°C	-10°C ... +60°C	-10°C ... +60°C
Electrical Properties					
Contact resistance	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ
Insulation resistance	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ
Voltage proof (contact -contact)	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC
Voltage proof (contact -shield)	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC
Operation current	1A	1A	1A	1A	1A
PoE conform acc. to IEEE802.3at					
Transmission Properties					
Cat. 6A					
Class EA					
Cat. 6				ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1	
Class E					
Channel Class E					
Cat.5e	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2				
Cat.3					
10 Gbit Ethernet acc.to IEEE802.3an					
Gbit Ethernet acc.to. IEEE802.3					

Technical Data // Keystones

	DN-93603	DN-93611	DN-93612	DN-93614	DN-93615	DN-93901
Standards						
Connector	IEC 60603-7-5/-7-4					
Mechanical Properties						
Material: housing	-	Brass-Nickel plated	Zinc-diecast	Zinc-diecast	Brass-Nickel plated	ABS with silver color plating
Material: inner isolation housing	ABS+PC UL 94V-0	ABS+PC UL 94V-0	ABS+PC UL 94V-0	ABS+PC	ABS+PC UL 94V-0	ABS+PC
Material: contact spring	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: contact finish	6 micro-inch gold plated	6 micro-inch gold plated	50 micro-inch gold plated	3 µm Au Over 30 µm nickel plated	50 µm gold plated	3 µm Au Over 30 µm nickel plated
Material: RJ-45 (shielded housing)	3 µm Au Over 30 µm nickel plated					
Material: IDC	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze	Phosphor Bronze
Material: IDC finish	Tin-plated	Tin-plated	Tin-plated	Tin-plated	Tin-plated	Tin-plated
Diameter: Cu-conductor	Stranded and Solid wires AWG22-26	Stranded and Solid wires AWG22-26	Stranded and Solid wires AWG22-26	Stranded and Solid wires AWG22-26	Stranded and Solid wires AWG23-26	Stranded and Solid wires AWG22-26
Diameter: Insulation	0,7 ... 1,6mm					
Color code	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B	TIA/EIA 568 A&B
Connection: strain relief/ cable shielding	Cable tie / -	Cable tie / clamp	Cable tie / clamp	Cable tie / clamp	Cable tie / clamp	Cable tie / clamp
Cable diameter:	max. 8mm					
Performance						
Insertion force	Max. 20N	Max. 30N	Max. 30N	Max. 30N	Max. 30N	Max. 20N
Mating cycle	750	750	750	750	750	750
IDC punching time	200	200	200	200	200	200
Operating temperature	-10°C ... +60°C	-10°C ... +60°C	-10°C ... +60°C	-10°C ... +60°C	-10°C ... +60°C	-10°C ... +60°C
Electrical Properties						
Contact resistance	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ	≤ 20 mΩ
Insulation resistance	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ	≥ 500MΩ
Voltage proof (contact -contact)	≥ 1000 V DC	≥ 1000 V DC	≥ 1000 V DC	≥ 1000 V AC	≥ 1000 V AC	≥ 1000 V AC
Voltage proof (contact -shield)	≥ 1500 V DC	≥ 1500 V DC	≥ 1500 V DC	≥ 1500 V AC	≥ 1500 V AC	≥ 1500 V AC
Operation current	1A	1A	1A	1A	1A	1A
PoE conform acc. to IEEE802.3at						
Transmission Properties						
Cat. 6A			ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2			
Class EA	ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2-1				ISO/IEC 11801:2002 AM2 (2010/07)	
Cat. 6						
Class E				ISO/IEC 11801 AMD 1 (2008-04)		
Channel Class E						ISO/IEC 11801:2002 AMD1&2 ANSI/TIA/EIA 568B.2
Cat.5e						
Cat.3			10 Gbit Ethernet acc.to IEEE802.3an			
10 Gbit Ethernet acc.to IEEE802.3an						
Gbit Ethernet acc.to. IEEE802.3						

Suitable manufactures for combination for design covers	Articlenumber		
	DN-93612 fits to:	DN-93614 fits to:	DN-93615 fits to:
Busch-Jaeger	1812	1812	1812
	1866EB	1866EB	1810
			1814
			1816
			1818
			1819
			1820
			1800-21x
			1800-2x
			1800-2xx
			1800-7x
			1800-8x
			1866 EB
			1867 EB
			1871 EB
			1872 EB
			1875 EB
			1758-21x
			1758-2x
			1758-2xx
			1758-7x
			1758-8x
			1758 WS
			17558 WN-5x
			2561-21x
		2561-2x	
		2561-2xx	
		2561-02-21x	
		2561-02-2x	
		2561-02-2xx	
PEHA	D 600 MJ11	D 600 MJ11	
Gira System 55*	0663 01	0663 01	0663 01
	0663 03	0663 03	0663 03
	0663 27	0663 27	0663 27
	0663 28	0663 28	0663 28
	0663 26	0663 26	0663 26
E22	0663 20	0663 20	0663 20
	0663 203	0663 203	0663 203
Fläche	0663 111	0663 111	0663 111
	0663 112	0663 112	0663 112
S-Color	0663 40	0663 40	0663 40
	0663 42	0663 42	0663 42
	0663 43	0663 43	0663 43
	0663 46	0663 46	0663 46
	0663 47	0663 47	0663 47
Tragering	0191 00	0191 00	0191 00
<p>*Suitable for standard 55, E2, Event and Esprit</p> <p>The above listed covers are suitable for framework programmes (1-5 fold frame) :</p> <p>System 55: Standard, E2, Event, Esprit</p> <p>E22: stainless steel series 20 and 21, E22 stainless steel, E22 aluminium</p> <p>Area</p> <p>S-Color</p>			

Suitable manufactures for combination for design covers	Artikel		
	DN-93612 fits to:	DN-93614 fits to:	DN-93615 fits to:
Albrecht Jung GmbH 1.	Cover with Carrying Ring (Modul is suitable for) A569-2NSIE	Cover with Carrying Ring (Modul is suitable for) A569-2NSIE	Cover with Carrying Ring (Modul is suitable for) A569-2NSIE
	Cover with Carrying Ring (Modul hat seitlich etwas Spiel) ...-1NWE	Cover with Carrying Ring (Modul hat seitlich etwas Spiel) ...-1NWE	
	Cover with Carrying Ring (Modul hat seitlich etwas Spiel) ...-2NWE	Cover with Carrying Ring (Modul hat seitlich etwas Spiel) ...-2NWE	
2.	Data Connection Housing (Modul hat seitlich etwas Spiel) 554 -> Assembly-Panel 54-1WE -> Assembly-Panel 54-2WE	Data Connection Housing (Modul hat seitlich etwas Spiel) 554 -> Assembly-Panel 54-1WE -> Assembly-Panel 54-2WE	
3.	Mounting Adapter 2-fold for 2 Universal Modules (Modul can be installed) Typ A Art.-Nr.: UMA-CAT6A Art.-Nr.UMA-MA2	Mounting Adapter 2-fold for 2 Universal Modules (Modul can be installed) Typ A Art.-Nr.: UMA-CAT6A Art.-Nr.UMA-MA2	Mounting Adapter 2-fold for 2 Universal Modules (Modul can be installed) Typ A Art.-Nr.: UMA-CAT6A Art.-Nr.UMA-MA2
Feller EDIZIOdue dry Itplus Cat 6A, RJ45-Outlets shieleded/unshieleded Mintageset Keystone Mastercatalogue 2009/2010 S. (6.24)			1183-028.FMI.F61 878 260 000
			1183-028.FX.54.F61 878 060 000
			1183-028.FKE.F61 878 487 000
			1183-028.BKE.F61 978 742 000
			1183-028.FM.TE.F61 878 485 000
	1183-028.FMI.61 878 270 000		1183-028.FMI.61 878 270 000
	1183-028.FX.54.61 878 070 000		1183-028.FX.54.61 878 070 000
	1183-028.FKE.61 878 477 000		1183-028.FKE.61 878 477 000
	1183-028.BKE.61 978 732 000		1183-028.BKE.61 978 732 000
	1183-028.FM.TE.61 878 475 000		1183-028.FM.TE.61 878 475 000
Rutenbeck	UM-UMA 2 Up 139 000 04		UM-UMA 2 Up 139 000 04
	UM-UMA 2 Up 139 000 01 *Keystone Design, Variant A		UM-UMA 2 Up 139 000 01 *Keystone Design, Variant A
	UM-UMA 3 Up 139 000 02 *Keystone Design, Variant A		UM-UMA 3 Up 139 000 02 *Keystone Design, Variant A
Berker	454001, 454101, 1464..	454001, 454101	454001, 454101, 1464..

ASSMANN



SYSTEM WARRANTY

Guaranteed to be trouble-free with the 25 year system warranty

The cabling infrastructure is a long-term and strategic investment for every company. Our system warranty ensures that the installation is a secure basis for the IT over a long period of time. The 25 year warranty agreement is addressed towards the plant owners and operators for this reason.

We control and monitor the performance and reliability of our products as the supplier of all the components and en-

sure that their reliability is certificated by independent test institutes.

All the members of staff in our partner companies are specially trained in order to guarantee trouble-free installation.

What does the 25 year warranty mean?

ASSMANN stands for quality and reliability for connectors and cables for more than 40 years. Knowledge of our customers` requirements and quality requirements allows us to offer an extended warranty on our products of 5 or 15 years.

Our many years of experience in quality assurance and regular confirmation by certification institutes enable us to offer the 25 year system warranty for cabling components also for the Permanent Link.

The performance capability of our products is proven by independent test institutes. We guarantee, during the 25 year warranty that the cabling (Permanent Link) complies with the standards defined at the time of the installation.

This includes observation of the technical transmission properties of the current DIN EN 50 173-1 und ISO/IEC 11 801 in the channel or Permanent Link together with observation of construction type DIN IEC 60 603-7-51 Ed.1-500 MHz, screened. We undertake the exchange and repair of the affected installation cable, if necessary, if a claim is made because of non compliance of the technical transmission properties according to the prevailing standards at the time of the installation.

We are pleased to support yourself and your customers with detailed information on the ASSMANN system warranty.

Just have a word with us!

Our System-Warranty is a point-to-point warranty which ensures that the requirements for our cabling system will be observed. This contains the complete cabling structure inclusive the installation cable and the connection technology. More information about this topic please find on our website in the reference range service.

CAT 6A Keystone-Modul, shielded, tool free connection



DN-93615



DN-93604

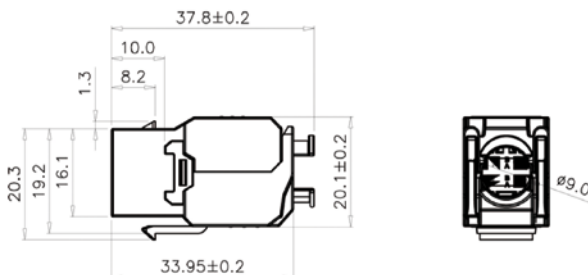
Quick and safe wire terminations without any special tool

Tested and 3P Category certified for Connecting Hardware Category 6A transmission requirements of ANSI/TIA Generic Cabling Standard 568-C.2, and IEC test standard 60512-27-100. Meets requirements acc. following standards: IEC 60603-7-51, ANSI/TIA/EIA 568-C.2, IEC 60512-27-100, ISO/IEC 11801 am. 2.

- Material enclosure: Zinc diecast - Nickel plated
- Material contacts: Phosphor bronze
- 360° cable screen connection for enhanced EMI protection
- Contacts coating: Nickel, gold plated 0,5µ
- Operating Temperature: -10°C ~ +60°C (ISO/IEC 11801, ANSI/TIA/EIA 568 B.2)
- Material PCB: FR4, UL 94V-0, multilayer 1,45mm thickness
- Mating cycles: ≥ 750 (ISO/IEC 11801, IEC 60603-7-5)
- Diameter Cu-Conductor: AWG (26/1 ... 23), stranded and solid
- RJ 45 jack, female, for patch panel installation
- Compact form allows an installation of 24 x in 483mm (19") 1U blank Panel
- Suitable for bracket typ DN-91410, DN-91411, DN-91412
- Opening size acc. Keystone Standard 19.35 mm x 14.8 mm
- Tool free cable installation via LSA stripes, color coded according to EIA/TIA 568 A & B
- Suitable for design wall plates for several well-known switching programs e.g.
- Suitable for design wall plates for switching program PEHA part number: D 600 MJ8
- Suitable for design wall plates for switching program FELLER (CH) EDIZIOdue part number e.g.: 1183-028.FML.F61
- Fits easily in wall- and floor boxes, patch panels, desk boxes through short depth

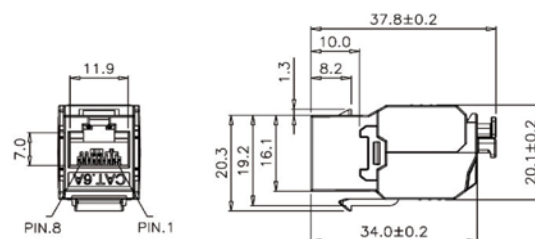
Shielded Keystone Jack

Cable Entry:	rear
Hole Plate Thickness	Jack will clip into a hole plate thickness of 1.6 mm Max
Body	Zinc Die-casting, nickel-plated
Jack Contacts	Phosphor Bronze
IDC Contacts:	Phosphor Bronze
Plating:	50um of gold over 40um of nickel
Wire Terminations	Werkzeugfrei mit Kabelklappe für feste / flexible Leitungen AWG 22-26
Wiring Standard	EIA/TIA 568A/B
Conformance:	„Category 6a / 10GBase-T Channel ANSI/EIA/TIA 568C.2.1:2002 ISO/IEC 11801:2002“
Certification	Independent Laboratory
Dimension:	20x14x34mm
Weight	ca. 22g



Unshielded Keystone Jack

Cable Entry:	rear
Hole Plate Thickness	Jack will clip into a hole plate thickness of 1.6 mm Max
Body	ABS halogenfree, UL 94 V0
Jack Contacts	Phosphor Bronze
IDC Contacts:	Phosphor Bronze
Plating:	50um of gold over 40um of nickel
Wire Terminations	Werkzeugfrei mit Kabelklappe für feste / flexible Leitungen AWG 22-26
Wiring Standard	EIA/TIA 568A/B
Conformance:	„Category 6a / 10GBase-T Channel ANSI/EIA/TIA 568C.2.1:2002 ISO/IEC 11801:2002“
Certification	Independent Laboratory
Dimension:	20x14x34mm
Weight	ca. 9g



293767 / DN-93615
CAT 6A Keystone Jack, shielded

293927 / DN-93604
CAT 6A Keystone Jack, unshielded



CAT 6, Class E_A Keystone Modul, tool free connection



DN-93612



DN-93602

The fully downward compatible CAT 6 Keystone Jack makes an easy installation in combination with excellent measurements possible. The high quality ensures the usage with the most demanding applications like 10GBase-T. The innovative housing design offers quick and safe wire terminations without any special tool. Its compact form allows an installation of 24 Keystone Jacks in a row with a 1U Patch Panel. These facts assure a uncomplicated mounting and marking as well as a high reliability.

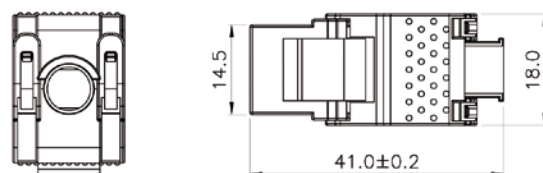
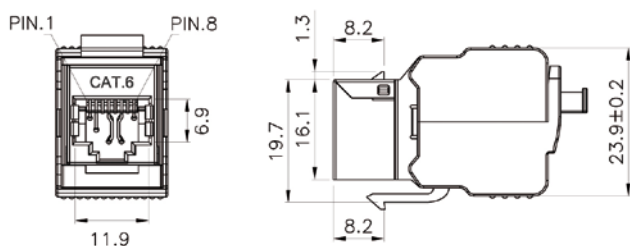
- CAT 6 Class EA for up to 500 MHz
- Tested acc. Permanent Link Class EA ISO/IEC 11801-AMD 2 (2009-04)
- Qualified for 10 GBit Ethernet
- Quick and safe wire terminations without any special tool
- Fully shielded
- Tool free cable installation via LSA stripes, color coded according to EIA/TIA 568 A & B
- RJ 45 jack, female, for patch panel installation
- Opening size acc. Keystone Standard 19,35 mm x 14,8 mm
- Compact form allows an installation of 24 x in 483mm (19") 1U blank Panel
- Suitable for bracket typ DN-91410, DN-91411, DN-91412
- Suitable for design wall plates for switching program PEHA part number: D 600 MJ11
- GHMT certified

Shielded Keystone Jack

Cable Entry: Rear
 Hole Plate Thickness: Jack will clip into a hole plate thickness of 1.6mm Max
 Body: Zinc Die-casting, nickel-plated
 Jack Contacts: Phosphor Bronze
 IDC Contacts: Phosphor Bronze
 Plating: 50µm of gold over 40µm of nickel
 Wire Terminations: Tool Free with Cap.
 Wiring Standard: EIA/TIA 568A/B
 Conformance: Category 6a / 10GBase-T Channel
 ANSI/EIA/TIA 568B.2.1:2002
 ISO/IEC 11801:2002
 EN50173-1: 2002
 Certification: Independent Laboratory
 Dimension: 18x24x41mm
 Weight: ca. 23g

Unshielded Keystone Jack

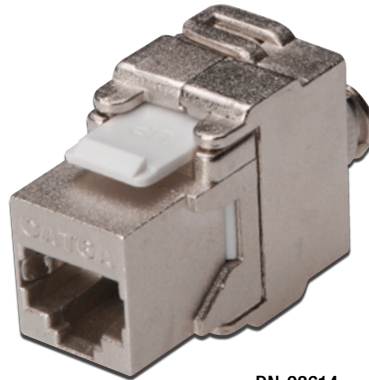
Cable Entry: Rear
 Hole Plate Thickness: Jack will clip into a hole plate thickness of 1.6mm Max
 Body: Plastic
 Jack Contacts: Phosphor Bronze
 IDC Contacts: Phosphor Bronze
 Plating: 50µm of gold over 40µm of nickel
 Wire Terminations: Tool Free with Cap.
 Wiring Standard: EIA/TIA 568A/B
 Conformance: Category 6a / 10GBase-T Channel
 ANSI/EIA/TIA 568B.2.1:2002
 ISO/IEC 11801:2002
 EN50173-1: 2002
 Certification: Independent Laboratory
 Dimension: 18x24x41mm
 Weight: ca. 10g



245131 / DN-93612
 CAT 6a Keystone Modul, shielded

245124 / DN-93602
 CAT 6a Keystone Modul, unshielded

CAT 6, Class E_A Keystone Modul, shielded, tool free connection



DN-93614



DN-93603

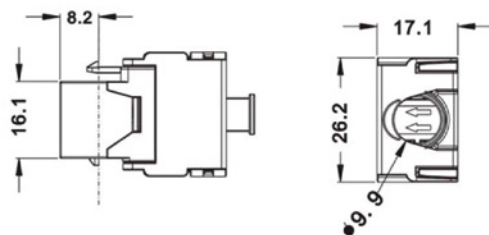
Quick and safe wire terminations without any special tool

Tested for Link Performance Class EA (A-subscript), for up to 500MHz, GHMT Channel Link certified, DIN EN 50173-1 (IEC 60603-7, IEC 60512-4-1) and ISO/IEC 11801 2002 : AM : 2009/09

- Material enclosure: Zinc diecast
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,6µ
- Operating Temperature: -10°C ~+50°C
- Material PCB: FR4, 1,2mm thickness
- Mating cycles: ≥ 750
- RJ 45 jack, female, for patch panel installation
- Compact form allows an installation of 24 x in 483mm (19") 1U blank Panel
- Suitable for bracket typ DN-91400, DN-91401
- Opening size acc. Keystone Standard 19.35 mm x 14.8 mm
- Suitable for design wall plates for several well-known switching programs e.g.
- Suitable for design wall plates for switching program PEHA part number: D 600 MJ11

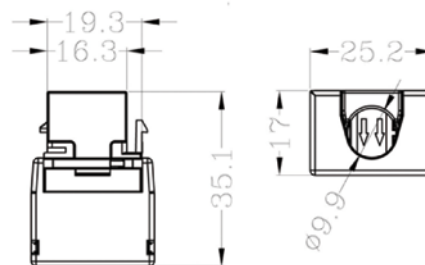
Shielded Keystone Jack

Cable Entry:	rear
Hole Plate Thickness	Jack will clip into a hole plate thickness of 1.6 mm Max
Body	Zinc Die-casting, nickel-plated
Jack Contacts	Phosphor Bronze
IDC Contacts:	Phosphor Bronze
Plating:	50µm of gold over 40µm of nickel
Wire Terminations	Werkzeugfrei mit Kabelklappe für feste / flexible Leitungen AWG 22-26
Wiring Standard	EIA/TIA 568A/B
Conformance:	„Category 6 / 10GBase-T Channel ANSI/EIA/TIA 568B.2.1:2002 ISO/IEC 11801:2002 EN50173-1:2002“
Certification	Independent Laboratory
Dimension:	41,2x26x17,1mm
Weight	ca. 33g



Unshielded Keystone Jack

Cable Entry:	rear
Hole Plate Thickness	Jack will clip into a hole plate thickness of 1.6 mm Max
Body	ABS halogenfree, UL 94 V0
Jack Contacts	Phosphor Bronze
IDC Contacts:	Phosphor Bronze
Plating:	50µm of gold over 40µm of nickel
Wire Terminations	Werkzeugfrei mit Kabelklappe für feste / flexible Leitungen AWG 22-26
Wiring Standard	EIA/TIA 568A/B
Conformance:	„Category 6 / 10GBase-T Channel ANSI/EIA/TIA 568B.2.1:2002 ISO/IEC 11801:2002 EN50173-1:2002“
Certification	Independent Laboratory
Dimension:	35x25x17mm
Weight	ca. 12g



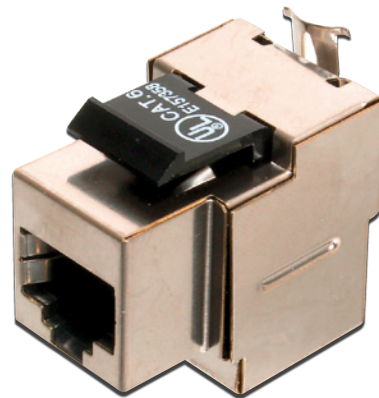
276012 / DN-93614
CAT 6a Keystone Modul, shielded

259398 / DN-93603
CAT 6a Keystone Modul, unshielded



CAT 6, Class E Keystone Modul

- Tested for Link Performance Class E, for up to 250MHz, EN 50173 and ISO/IEC 11801
- 3P Channel Link and Permanent Link certified
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- RJ45 jack, female, for patch panel installation
- Suitable for the following patch panels: DN-91400, DN-91401



245117 / DN-93611

CAT 6 Keystone Modul, shielded

CAT 6, Class E Keystone Modul, unshielded

- Tested for Link Performance Class E, for up to 250MHz, 3P Channel Link and Permanent Link certified, EN 50173 and ISO/IEC 11801
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- RJ45 jack, female, for patch panel installation

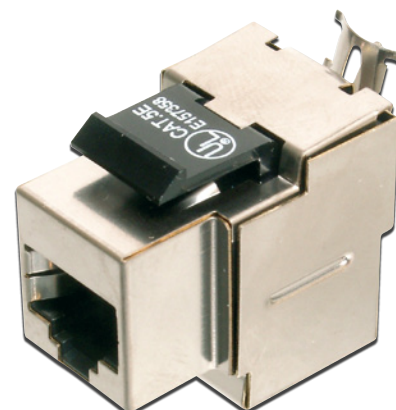


245100 / DN-93601

CAT 6 Keystone Modul, unshielded

CAT 5e, Class D Keystone Modul, shielded

- Tested for Link Performance CAT 5e
- Cable installation via LSA stripes, color-coded as per EIA/TIA 568 A & B
- RJ45 jack, female, for patch panel installation
- Suitable for the following patch panels: DN-91400, DN-91401



245094 / DN-93511

CAT 5e Keystone Modul, shielded

CAT 5e, Class D Keystone Modul, unshielded

- Tested for Link Performance CAT 5e
- Cable installation via LSA stripes, color-coded as per EIA/TIA 568 A & B
- RJ45 jack, female, for patch panel installation



245087 / DN-93501
CAT 5e Keystone Modul, unshielded

CAT 5e Class D Keystone Modul, unshielded

- CAT 5e Keystone Jack, unshielded
- Tool free cable installation via LSA stripes, color coded according to EIA/TIA 568 A & B
- RJ45 jack, female, for patch panel installation



276005 / DN-93502
CAT 5e Keystone Modul, unshielded

RJ45 connectors for field assembly

The RJ55 plug is optimised for the field use, including demanding applications. Can be assembled in 60 seconds without any special tools. Ideal for repair and expansion of networks.

The A-MFP6A 8-8 TG is a modern and high class RJ45 plug, characterized not only by the simple application, but standing the field assembler every time reliably and quickly at his side. The rapid assembly in only 60 seconds without special tools, as well as the high flexibility, makes him to the perfect choice at any locations. It is suitable for all networks of Voice up to 10 Gigabit Ethernet. Satisfied customers, because of fast and cost-saving installation, repairs and maintenance, are the logical consequence of this innovative RJ45 plug. Why complicate things when it can be so easy? See for yourself!

- Performance Characteristics:
- Preassembled protection cap
- Robust zinc diecast housing
- 360° shielding
- Insertion force: ≤ 30N
- Temperature range: -40°C ... +70°C
- PoE+ acc to IEEE 802.3



302599 / A-MFP6A 8-8 TG
RJ45 Stecker für Feldkonfektionierung, geschirmt

CAT 6, Class E Modular Coupler, shielded

- Suitable for panel connection
- 2 x RJ45 female
- Assignment 1:1
- Material enclosure: ABS non halogen, UL 94 V0
- Material surface: Copper with shining Nickel
- Material PCB: FR4, 1,2mm thickness
- Contacts coating: Nickel, gold plated 0,6µ
- Mating cycles: ≥ 750
- Operating Temperature: -10°C ~+50°C



266846 / DN-93613-1
CAT 6 Modular Coupler, shielded

CAT 6, Class E Modular Coupler, shielded

Corresponds with requirements channel performance
Class EA ISO/IEC 11801 for up to 550MHz

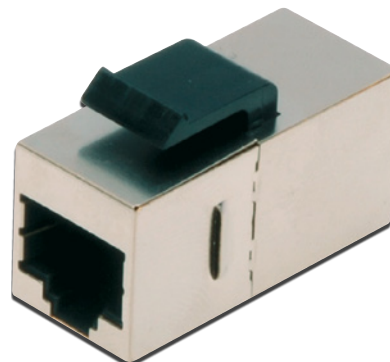
- Suitable for panel connection
- 2 x RJ45 female
- Assignment 1:1
- Material enclosure: Brass sheet - shining Nickel plated
- Material PCB: FR4, 1,2mm thickness
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,6µ
- Mating cycles: ≥ 750
- Operating Temperature: -10°C ~+50°C



291831 / DN-93906
CAT 6 Modular Coupler, shielded

CAT 5e, Class D Modular Coupler, shielded

- Suitable for panel connection
- 2 x RJ45 female
- Assignment 1:1
- Material enclosure: ABS non halogen, UL 94 V0
- Material surface: Copper with shining Nickel
- Material PCB: FR4, 1,2mm thickness
- Contacts coating: Nickel, gold plated 0,6µ
- Mating cycles: ≥ 750
- Operating Temperature: -10°C ~+50°C



245179 / DN-93513
CAT 5e Modular Coupler, shielded

Patchen bis zur optimalen Leistung

Das gesamte DIGITUS Professional patching Zubehör bietet vielseitige Möglichkeiten für kleine Büros und facility Infrastrukturen.



DN-91412U



DN-9007-S

DN-9007

DIGITUS® Anschlussdosen – Aufputz und Unterputz



DN-93602

DN-93612

Entdecken Sie die einfache Netzwerk Installation mit den Werkzeugfreien CAT 6A Keystone Modulen von DIGITUS®.



Professional

www.digitus-professional.com

Wallplate for Keystone Modules, German type Middle Plate 50x50mm, Frame 80x80mm

- For connection of Keystone Jacks
- Connection way of the module are 45° vertical
- 1 port inclusive Module shutter device, avoid dust
- Name plate desing for identification
- 80/80mm frame + 50/50mm central plate
- Dust protection shutter included
- Shining structured surface parts
- Full shielded metal housing, usable as central grounding position
- Color: White RAL 9010
- Compatible with Keystone Jacks: DN-93614 <> DN-93612 <> DN-93615



305743 / DN-93811

1 Port Wallplate for Keystone Modules incl. shutter, 80x80mm

306160 / DN-93801-1

2 Port Wallplate for Keystone Modules incl. shutter, 80x80mm

305750 / DN-93821

3 Port Wallplate for Keystone Modules incl. shutter, 80x80mm, not compatible with DN-93612

Wallplate for Keystone Modules, French type Frame 80x80mm

- For connection of Keystone Jacks
- 2 port inclusive Module shutter device, avoid dust
- Connection way of the module is 90° horizontal
- 80/80mm frame + 2x22.5mm modular insert
- Shining structured surface parts
- Color: White RAL 9010



259350 / DN-93802

2 Port Wallplate for Keystone Modules incl. shutter, 80x80mm

Wallplate for Keystone Modules, British type Frame 86x86mm

- For connection of Keystone Jacks
- Connection way of the module are 45° vertical
- 2 port inclusive Module shutter device, avoid dust
- Name plate desing for identification
- 86/86mm frame + 2x22.50mm modular insert
- Dust protection shutter included
- Shining structured surface parts
- Full shielded metal housing, usable as central grounding position
- Color: White RAL 9010
- Delivery without surface mountbox DN-93806



259381 / DN-93805

2 Port Wallplate for Keystone Modules incl. shutter, 86x86mm

Surface Mountbox 80x80mm for Keystone Walloutlet, German Type

Surface mount frame for additional Key Stone Jack Wall Outlet.

- Compatible with DIGITUS® Outlets, Keystone Faceplates 80x80mm
- Shining structured surface parts
- Color: White RAL 9010
- German Style



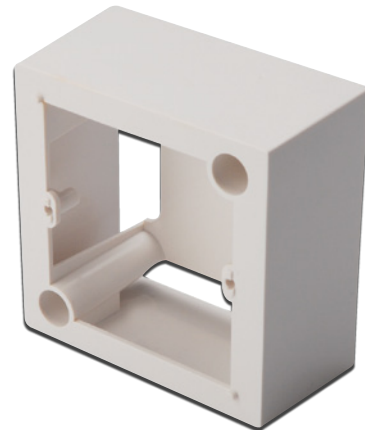
259367 / DN-93803

Surface Mount Box for Walloutlet 80x80mm

Surface Mountbox for Keystone Walloutlet Faceplates 80x80mm, French Type

Compatible with DIGITUS Outlets, Keystone Faceplates 80x80mm

- Compatible with DIGITUS Outlets, Keystone Faceplates 80x80mm
- French Style
- Color: RAL 1013



309987 / DN-93804

Surface Mount Box for walloutlets 80x80mm

Surface Mountbox for Keystone Walloutlet british type 86 x 86mm, British Type

Surface mount frame for additional Key Stone Jack Wall Outlet.

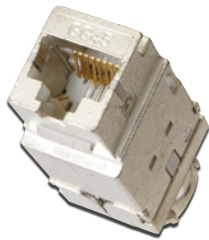
- Compatible with DIGITUS® Outlets, Keystone Faceplates 80x80mm
- Shining structured surface parts
- Color: White RAL 9010
- British Style



259374 / DN-93806

Surface Mountbox for Keystone Walloutlet 86/86mm

GG45 Snap-in Connector



Best performance and link quality for your network

The LANmark-7 Toolless Snap-in connector is part of the Nexans modular system and fits in all structural hardware designed for this range

- Permanent-Link Class F/Category 7 acc. ISO/IEC 11801 Amendment 1 (Draft, 2005-05) 4-Connector Channel (93,5m) up to 1000MHz
- High speed '2 in 1' Multimedia Connector
- Supports data applications up to 600 MHz Class F
- Supports CATV VHF and UHF up to 1000MHz
- Backwards compatible to RJ45-Standard
- Switch Inside
- Version for solid cable to be used for horizontal cabling
- Fits in all Nexans modular Snap-In structural hardware



288862 / ANE-420.730
GG45 Snap-in Connector

EU Style 30ø Angeled 45 x 45



This angled outlet can house up to 2 Snap-in connectors and it is also designed to accommodate fibre Snap-In adaptors

- Kit of 45x45 back module with Snap-In front module
- Takes up to 2 Snap-In connectors
- Suitable for both copper and fibre
- Installation benefit thanks to angled design
- Color RAL 9010



289005 / ANE-423.540N
EU Style 30ø Angeled 45 x 45

GG45 Patchcord LSZH, 1m



Best performance and link quality for your network

LANmark-7 patchcords can be used in a permanent-link acc. Class F

- Self-latching, high reliability GG45 (IEC61076-3-110) screened connectors
- Boots with kink protections and strain reliefs
- 2 x GG45 4-pair, non backwards compatible plugs
- Category CAT 7
- Shielding S-FTP, Pairs in metal foil and braid shielding
- Structure 4 x 2 AWG 26/7, twisted pair
- Color orange
- Length 1 m
- Configuration 1:1
- Packaging Polybag



288879 / ANE-101.239.CO
GG45 Patchcord LSZH, 1m

288886 / ANE-101.239.EO
GG45 Patchcord LSZH, 2m

288893 / ANE-101.239.FO
GG45 Patchcord LSZH, 3m

288909 / ANE-101.239.HO
GG45 Patchcord LSZH, 5m

EU Style Cover Frame 80 x 80



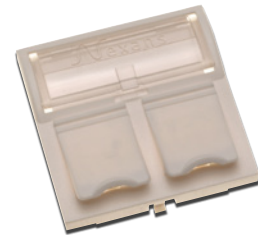
This range of outlet mounting hardware is suitable for all 45mm fittings and includes cover plates, flat & angled modules for Snap-in connectors, and surface mount boxes

- For all 45x45mm fittings.
- Modules include labeling and shutters
- Suitable for all snap-in connectors
- Angled modules for restricted depth
- Color RAL 9010



289098 / ANE-200.116
EU Style Cover Frame 80 x 80

EU Style straight outlet 45 x 45



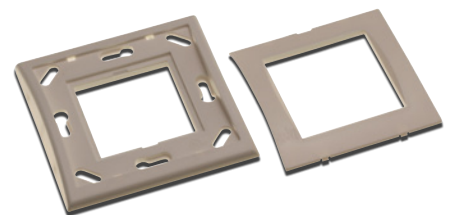
This range of modular outlets can accommodate 2 Snap-In connectors

- Takes up to 2 Snap-In connectors
- Color RAL 9010



289050 / ANE-423.550
EU Style straight outlet 45 x 45

EU Style Surface mount box 80 x 80



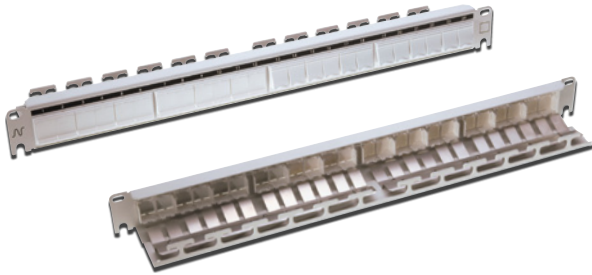
The box is designed to accommodate Nexans flat or angled 45x45 modular outlets for Snap-In connectors.

- For all 45x45mm fittings.
- Integrated flush mounting ring
- 40mm usable depth
- Color RAL 9010



289074 / ANE-200.050
EU Style Surface mount box 80 x 80

Modular Patch Panel 1 HU empty for 24 LANmark Snap-in Connector without sliding Mechanism



The patch panel is used for mounting the LANmarkSnap-in connectors in the floor distributor

- Patch Panel for Keystone Jacks
- Suitable for 483mm (19") Rack Mount
- 1U



293552 / ANE-521.661
Modular Patch Panel without sliding mechanism

Modular Patch Panel 1 HU empty for 24 LANmark Snap-in Connector with sliding Mechanism



The patch panel is used for mounting the LANmarkSnap-in connectors in the floor distributor

- Patch Panel for Keystone Jacks
- Dust covers
- Suitable for 483mm (19") Rack Mount
- 1U



293545 / ANE-521.663
Modular Patch Panel with sliding mechanism

Universal Comfort tool



The Universal Comfort Tool makes the termination action more comfortable and is universal useable with all LANmark-7 GG45 connectors.

- Universal: can be used with all current LANmark snap-in connector types
- Allows re-termination of the connectors



288923 / ANE-420.567
Universal comfort tool

LANmark-7 Easy Termination tool



Comfortable assembly tool for automatic removal of the pair foils and positioning of the wires in the cable holder when terminating GG45 to STP cables.

- Prepares STP cable for connection to LANmark-7 GG45 connector
- Makes LANmark-7 GG45 installation fast, easy and consistent



288947 / ANE-422.117
LANmark-7 Easy termination tool

288954 / ANE-422.118
Five extra blades

DIN-Rail Adapter for Keystone Modules

Frame set for Keystone Modules

- Compatible with Keystone Jacks: DN-93614, DN-93612, DN-93615



305859 / AN-25184
DIN-Rail Adapter for 1x Keystone Module

306344 / AN-25185
DIN-Rail Adapter for 2x Keystone Modules

Frame set for Keystone Modules

Frame set for Keystone Modules

- Frame set, 2-level and 3-level for Keystone Modules



302261 / AN-25178
Frame set, 2-level for 6 x Keystone Modules

302780 / AN-25179
Frame set, 3-level for 9 x Keystone Modules

Frame set for Adapter Sheets

Frame set for 2 respectively 3 adapter sheet for installation in Ackermann floor tanks. Modular construction for mixing twisted pair and FO Angled construction for an one level cable management. With enough room for labelling and inscription.

- Frame set, 2-level and 3-level
- for Adapter Sheets



302797 / AN-25173-1
2-Level Frame set for 2 x Adapter Sheets

302803 / AN-25173-2
3-Level Frame set for 3 x Adapter Sheets

Frame set for 3 x RJ45 Modules

Frame set for 2 respectively 3 adapter sheet for installation in Ackermann floor tanks. Modular construction for mixing twisted pair and FO Angled construction for an one level cable management. With enough room for labelling and inscription.

- Frame set for 3 x RJ45 Modules



302810 / AN-25173-3

Frame set for 3 x RJ45 Modules

Frame set for 3 x SC Duplex Adapters

Frame set for 2 respectively 3 adapter sheet for installation in Ackermann floor tanks. Modular construction for mixing twisted pair and FO Angled construction for an one level cable management. With enough room for labelling and inscription.

- Frameset for 3 x SCdpx Adapters



302827 / AN-25173-4

Frameset for 3 x SC Duplex or LC Duplex

Frame set for 3 x SC Simplex or LC Duplex

Frame set for 2 respectively 3 adapter sheet for installation in Ackermann floor tanks. Modular construction for mixing twisted pair and FO Angled construction for an one level cable management. With enough room for labelling and inscription.

- Frameset for 3 x SCdpx Adapters



302834 / AN-25173-5

Frameset for 3 x SC Simplex or LC Duplex

19" Housing for Keystone Modules



Modular Patch Panel, 24-port

- Patch Panel for Keystone Jacks
- Material housing: SPCC, 1,5mm Cold Rolled Carbon Steel acc. JIS G3141-1996
- Shielded
- Suitable for 483mm (19") Rack Mount
- 1U
- Color grey RAL 7035



280781 / DN-91410
Modular Patch Panel, 24-Port

Modular Patch Panel, 24-port

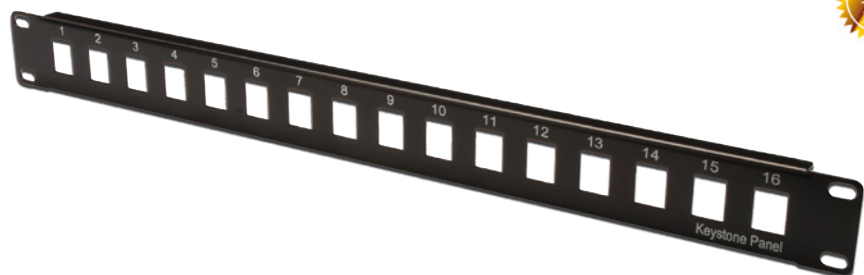
- Patch Panel for Keystone Jacks
- Material housing: SPCC, 1,5mm Cold Rolled Carbon Steel acc. JIS G3141-1996
- Shielded
- Suitable for 483mm (19") Rack Mount
- 1U
- Color black RAL 9005



280798 / DN-91411
Modular Patch Panel, 24-Port

Modular Patch Panel

- Patch Panel for Keystone Jacks
- Material housing: SPCC, 1,5mm Cold Rolled Carbon Steel acc. JIS G3141-1996
- Unshielded
- Suitable for 483mm (19") Rack Mount
- 1U
- Color black RAL 9005



280750 / DN-91400
Modular Patch Panel, 16-Port

280767 / DN-91401
Modular Patch Panel, 24-Port

Staggered Modular Patch Panel, 24-port

Staggered array of keystone-modules for a better damping ratio between surrounding transmission channels.

- Patch Panel for Keystone Jacks
- Material housing: SPCC, 1,5mm Cold Rolled Carbon Steel acc. JIS G3141-1996
- Shielded
- Suitable for 483mm (19") Rack Mount
- 1U
- Color black RAL 9005



295105 / DN-91412
Modular Patch Panel, 24-port staggered

Staggered Modular Patch Panel, 24-port, unshielded

Staggered array of keystone-modules for a better damping ratio between surrounding transmission channels.

- Patch Panel for Keystone Jacks
- Unshielded
- Material housing: PC and Glass Fiber, UL 94-0
- Suitable for 483mm (19") Rack Mount
- 1U
- Color black RAL 9005



302841 / DN-91412U
Modular Patch Panel, Unshielded

CAT 6 Modular plugs for round cable



These modular plugs can be used to establish quick and simple connections. Easy assembly by modular crimping tool DN-94004

- RJ45 8P8C
- Shielded
- UL certified
- Insertion force: $\leq 30\text{N}$
- Mating cycles: ≥ 750
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,8 μ
- Material connector body: Polycarbonat, clear
- Material shielding housing: Brass 0,5mm, nickel plated 2 μ
- Diameter Cu-Conductor: AWG (27/7 ... 24/7)
- Diameter outer jacket: 5,5 ... 6,2mm
- Temperature range: -40°C ... +70°C
- Current carrying capacity: 1A at 50°C



273615 / AK-219600
CAT 6 Modular plugs for round cable, shielded

Modular plugs for flat cable



These modular plugs can be used to establish quick and simple connections. Easy assembly by modular crimping tool DN-94004

- CAT 3
- RJ10 4P4C
- Unshielded
- Mating cycles: ≥ 750
- Insertion force: $\leq 20\text{N}$
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,6 μ
- Material connector body: Polycarbonat, clear
- Diameter Cu-Conductor: AWG (27/7 ... 24/7)
- Temperature range: -40°C ... +80°C
- Diameter outer jacket: 2,0 ... 3,5mm
- Current carrying capacity: 1,5A at 50°C
- Flammability Rating: UL94V-2



065104 / A-MO 4/4 SF
Modular plug for flat cables, RJ10 4P4C, unshielded

065111 / A-MO 6/4 SF
Modular plug for flat cables, RJ11 6P4C, unshielded

065135 / A-MO 6/6 SF
Modular plug for flat cables, RJ12 6P6C, unshielded

065159 / A-MO 8/8 SF
Modular plug for flat cables, RJ45 8P8C, unshielded

Hirose modular plugs for round cable



Hirose RJ45 modular plug TM31CAT 6A Yellow color/Inclusive CombSupport for 10 Gigabit Ethernet

- Fully shielded with strain relief and kink protection boot (black)
- Mating cycles: ≥ 750
- Insertion force: $\leq 30\text{N}$
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,8 μ
- Material connector body: Polycarbonat, clear
- Material shielding housing: Brass 0,5mm, nickel plated 2 μ
- Diameter Cu-Conductor: AWG (27/7 ... 24/7)
- Diameter outer jacket: 5,5 ... 6,2mm
- Temperature range in operation: -20°C - +60°C
- Current carrying capacity: 1A at 50°C
- Flammability Rating: UL94V-2



272144 / A-MO6A 8/8 HRS
Modular plug, CAT 6, TM31, incl. cumb and boot

065142 / A-MO 8/8 HRS
Modular plug, CAT 5e, TM11, incl. cumb and boot

132943 / A-MO6 8/8 HRS
Modular plug, CAT 6, TM 21, incl. Comb and Boot

Modular plugs for round cable, CAT 5e



Suitable for quick and simple connecting.

- RJ10 4P4C
- Unshielded
- Mating cycles: ≥ 750
- Insertion force: $\leq 20\text{N}$
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,6 μ
- Material connector body: Polycarbonat, clear
- Diameter Cu-Conductor: AWG (27/7 ... 24/7)
- Temperature range: -40°C ... +80°C
- Diameter outer jacket: 2,0 ... 3,5mm
- Current carrying capacity: 1,5A at 50°C
- Flammability Rating: UL94V-2



057949 / A-MO 4/4 SR
Modular plug for round cables, RJ10 4P4C, unshielded

Modular plugs for round cable, CAT 5e



These modular plugs can be used to establish quick and simple connections. Easy assembly by modular crimping tool DN-94004

- RJ45 8P8C
- Shielded
- CAT 5e
- Mating cycles: ≥ 750
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,8 μ
- Material connector body: Polycarbonat, clear
- Material shielding housing: Brass 0,5mm, nickel plated 2 μ
- Diameter Cu-Conductor: AWG (27/7 ... 24/7)
- Diameter outer jacket: 5,5 ... 6,2mm
- Temperature range: -40°C ... +70°C
- Current carrying capacity: 1A at 50°C



065180 / A-MO 8/8 SRS
Modular plug for round cables, RJ45 8P8C, shielded, CAT 5e

Modular plugs for round cable



These modular plugs can be used to establish quick and simple connections. Easy assembly by modular crimping tool DN-94004

- CAT 3
- RJ12 6P6C
- Unshielded
- Mating cycles: ≥ 750
- Insertion force: $\leq 20\text{N}$
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,6 μ
- Material connector body: Polycarbonat, clear
- Diameter Cu-Conductor: AWG (27/7 ... 24/7)
- Temperature range: -40°C ... +80°C
- Diameter outer jacket: 3,2 ... 5,5mm
- Current carrying capacity: 1,5A at 50°C
- Flammability Rating: UL94V-2



057956 / A-MO 6/4 SR
RJ11 6P4C, unshielded

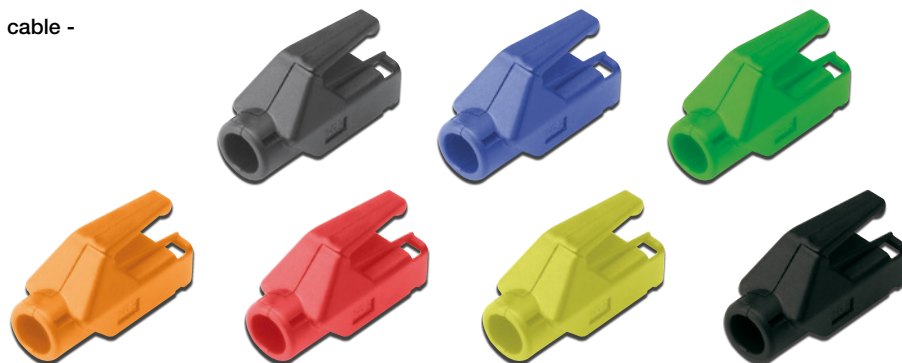
065173 / A-MO 8/8 SR
RJ45 8P8C, unshielded

065180 / A-MO 8/8 SRS
RJ45 8P8C, Modular plug for round cables, CAT 5e, shielded

Kink Protection Sleeves for HIROSE RJ45 plugs

Best protection for your patch cable -
Optimized for Hirose plugs

- For 8P8C RJ45 modular plugs
- Clip on Hirose
- Operating temperature: -40°C ~ +70°C



302025 / A-MOT 8/8 GREY HRS
RJ45 Hirose Kink Protection Boot, clipable, grey

296843 / A-MOT 8/8 BLUE HRS
RJ45 Hirose Kink Protection Boot, clipable, blue

296850 / A-MOT 8/8 GREEN HRS
RJ45 Hirose Kink Protection Boot, clipable, green

309413 / A-MOT 8/8 ORANGE HRS
RJ45 Hirose Kink Protection Boot, clipable, orange

296867 / A-MOT 8/8 RED HRS
RJ45 Hirose Kink Protection Boot, clipable, red

296874 / A-MOT 8/8 YEL HRS
RJ45 Hirose Kink Protection Boot, clipable, yellow

310068 / A-MOT 8/8 BLACK HRS
RJ45 Hirose Kink Protection Boot, clipable, black

Kink Protection Sleeves for RJ45 plugs

- For 8P8C RJ45 modular plugs
- Suitable for shielded and non-shielded modular plugs
- with latch protection
- Operating temperature: -40°C ~ +70°C



065197 / A-MOT 8/8
RJ45, Kink Protection Boot, black

065203 / A-MOT/B 8/8
RJ45, Kink Protection Boot, blue

065210 / A-MOT/E 8/8
RJ45, Kink Protection Boot, grey

065234 / A-MOT/R 8/8
RJ45, Kink Protection Boot, red

065227 / A-MOT/G 8/8
RJ45, Kink Protection Boot, green

065241 / A-MOT/Y 8/8
RJ45, Kink Protection Boot, yellow

Kink Protection Sleeve for RJ45 Plugs with Clip on system

Best protection for your patch cable - Easy installation - Clip on system

- For 8P8C RJ45 modular plugs
- Suitable for shielded and non-shielded modular plugs
- Operating temperature: -40°C ~ +70°C
- Patented locking system
- Retrofitting possible
- Flexibility in choice of colors



095965 / A-MOT-CLIP-B
RJ45 Kink Protection Boot, clipable, blue

311225 / A-MOT-CLIP-BR
RJ45 Kink Protection Boot, clipable, brown

095972 / A-MOT-CLIP-G
RJ45 Kink Protection Boot, clipable, green

311249 / A-MOT-CLIP-GR
RJ45 Kink Protection Boot, clipable, grey

311232 / A-MOT-CLIP-MG
RJ45 Kink Protection Boot, clipable, magenta

311263 / A-MOT-CLIP-R
RJ45 Kink Protection Boot, clipable, red

057994 / A-MOT-CLIP-S
RJ45 Kink Protection Boot, clipable, black

311256 / A-MOT-CLIP-WS
RJ45 Kink Protection Boot, clipable, white

311270 / A-MOT-CLIP-Y
RJ45 Kink Protection Boot, clipable, yellow

Connection module for Twisted Pair Cables

The DIGITUS® Connection module is for the purpose of connecting or extension of Twisted Pair Cables.

- Material enclosure: ABS non halogen, UL 94 V0
- Connection over LSA strips
- Integrated strain relief
- Shielded
- LSA EIA/TIA 568 A & B
- Cable entry: up to 6,8mm
- Diameter Cu-Conductor: AWG (26/1 ... 22/1)
- Temperature range: -40°C ... +80°C
- Current carrying capacity: 1A at 50°C
- Material IDC Terminal: Phosphor Bronze with 50µ Tin plated over 60µ Nickel plated
- Material PCB: FR4, 1,2mm thickness
- Workable with 110- and KRONE LSA punch down tools



266495 / DN-93902

CAT 5e Connection module for Twisted Pair Cables

132837 / AT-ALSA6-M

Cat 6 Connection module for Twisted Pair Cables

CAT 6, Class E modular couplers, shielded

Tested according to Link Performance CLASS E for up to 250MHz

- 2 x RJ-45 female
- Shielded version
- Material enclosure: ABS non halogen, UL 94 V0
- Material PCB: FR4, 1,2mm thickness
- Contacts coating: Nickel, gold plated 0,6µ
- Material contacts: Phosphor bronze
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



132806 / AT-AG6 8/8

Cat 6 Modular-Coupling, RJ 45, 8P8C

132813 / AT-AG6 8/8CROSS

Cat 6 Modular-Coupling, RJ 45, 8P8C, Crossover

CAT 5e, Class D RJ45 Modular Coupling

CAT 5e modular coupler for connection of shielded CAT 5e patch cables, configuration 1:1, metal shielded case.

- 2 x RJ45 female
- Assignment 1:1
- Shielded version
- Material enclosure: ABS non halogen, UL 94 V0
- Material PCB: FR4, 1,2mm thickness
- Contacts coating: Nickel, gold plated 0,6µ
- Material contacts: Phosphor bronze
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



266488 / DN-93901

CAT 5e RJ45 Modular Coupling

Modular Coupler

- 2 x RJ female
- RJ12 6P6C, unshielded
- Assignment 1:1
- Plastic housing
- Color white
- Material PCB: FR4, 1,2mm thickness
- Contacts coating: Nickel, gold plated 0,6µ
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



066552 / AT-A 6/6

Modular-Coupling, RJ 12 6P6C, unshielded, white

309536 / AT-A 6/6-BL

Modular-Coupling, RJ 12 6P6C, unshielded, black

066569 / AT-A 8/8

Modular-Coupling, RJ 45, 8P8C, unshielded

CAT 5e, Class D Patch Cable Adapters, shielded

- Assignment: CAT 5e, 1:1 assigned
- 2x RJ45 Female to 1x RJ45 Male
- Length 0.19m
- Material enclosure: ABS non halogen, UL 94 V0
- Material surface: Copper with shining Nickel
- Material PCB: FR4, 1,2mm thickness
- Material IDC Terminal: Phosphor Bronze with 50µ Tin plated over 60µ Nickel plated
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



066590 / AT-AG CX2

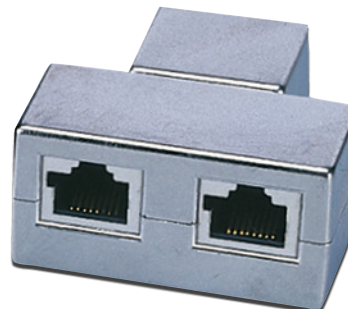
Cat 5e Patch Cable Adapter, 2 x RJ45 female, shielded, Connection 1:1

267164 / DN-93904

Cat 5e Patch Cable Adapter, 2 x RJ45 female, shielded, Connection 1-1, 2-2, 3-3, 4-1, 5-2, 6-6, 7-3, 8-6

CAT 5e, Class D Modular Couplings

- Cat 5e Modular-Coupling, 3 x RJ45 female, shielded
- 8P8C
- Assignment: CAT 5e, 1:1 assigned
- Material enclosure: ABS non halogen, UL 94 V0
- Material surface: Copper with shining Nickel
- Material PCB: FR4, 1,2mm thickness
- Material contacts: Phosphor bronze
- Contacts coating: Nickel, gold plated 0,6µ
- Mating cycles: ≥ 750
- Operating temperature: -40°C ~ +80°C



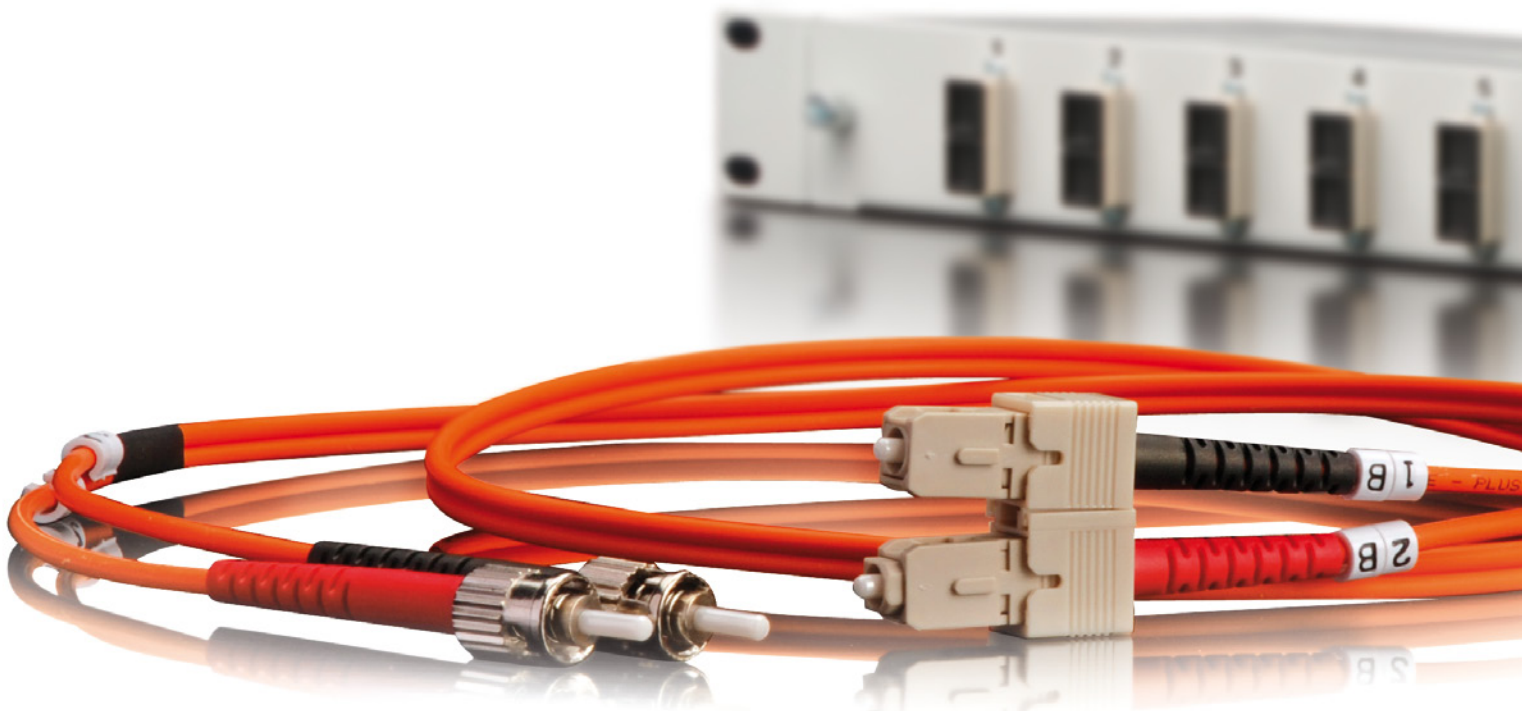
066576 / AT-AG 2X8/8

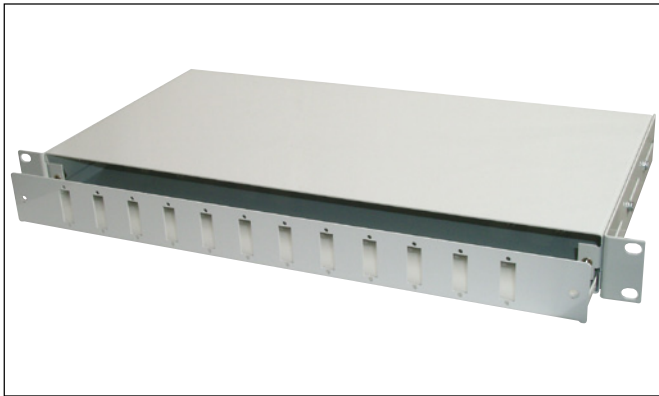
Cat 5e Modular-Coupling, 3 x RJ45 female, shielded

LWL Components // Overview

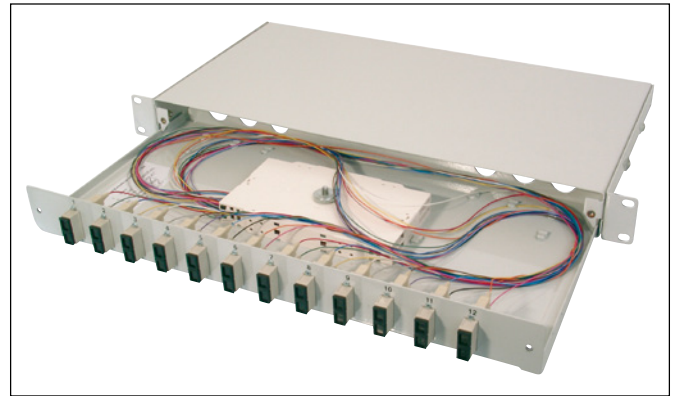
LWL Components 149 – 192

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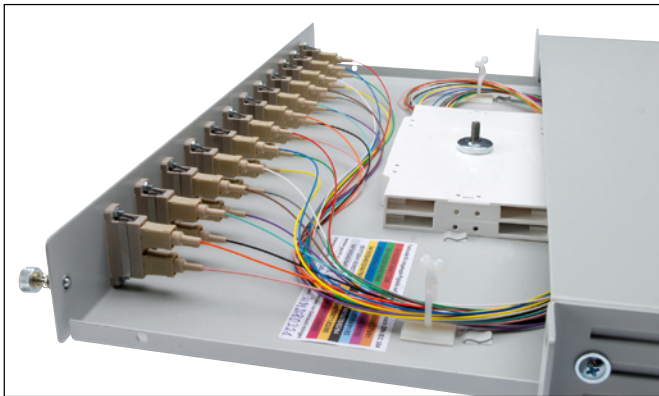




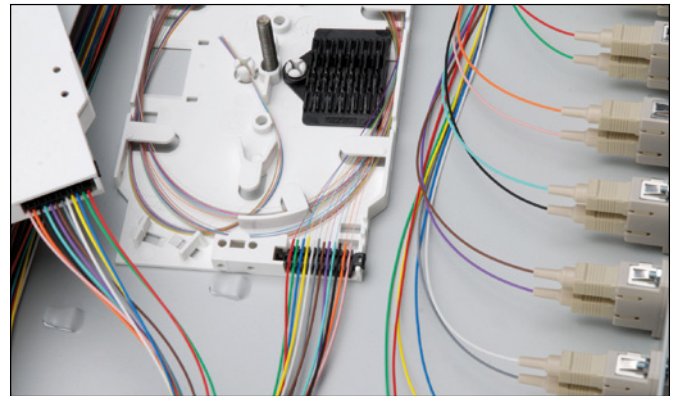
Not equipped, partially equipped, or fully equipped: The DIGITUS® Professional splice boxes can be assembled according to individual requirements.



The extendable splice boxes are marked by their high flexibility. A fast access is guaranteed.



The handling of optical fibers needs greatest diligence and care. The extremely sensitive components are exclusively processed by qualified specialists.



During the assembly process the fiber pigtails are stripped off and inserted into the splice cassettes.

DIGITUS® Splice Boxes

Splice boxes (not equipped, partially equipped, and fully equipped)

The splice boxes designed by DIGITUS® Professional fulfill and exceed the valid international standards for optical fiber cabling.

Our production and assembly facilities use state-of-the-art technology in order to meet the highest quality standards and in order to provide the opportunity to process customer requests immediately and as flexible as possible. Only qualified personnel performs the pre-assembly for our customers.

Prior to the delivery every single product is tested extensively.

The mechanical assembly and also the quality of the connector end faces are tested with microscopic and interferometric test procedures according to international standards.

The proper functioning of the splice boxes on the customer site can be guaranteed due to this extensive testing.

In order to ensure a fast and clean installation at the final assembly we only use semi-loose dry compact design pigtails.

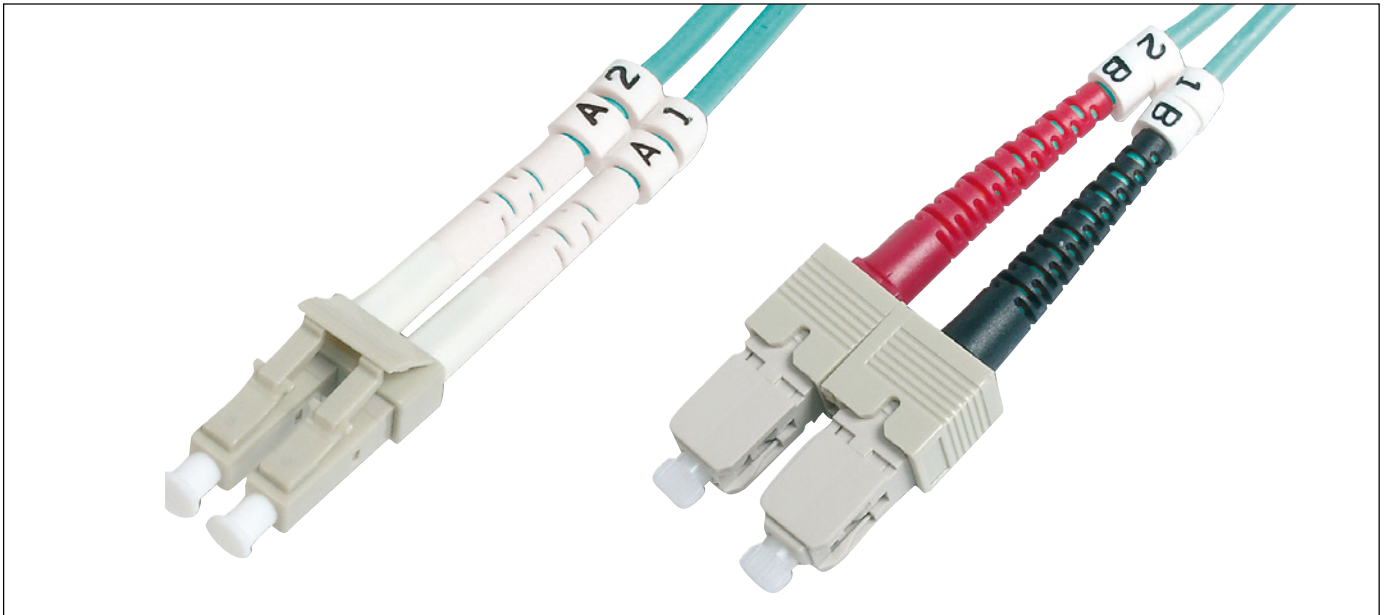
We assemble splice boxes according to customer requests:

Depending on the request they will be partially equipped, fully equipped or not equipped. The selection of the fiber quality among OM1, OM2, OM3, OM4 or OS1, OS2 and of the necessary connector types is up to you.

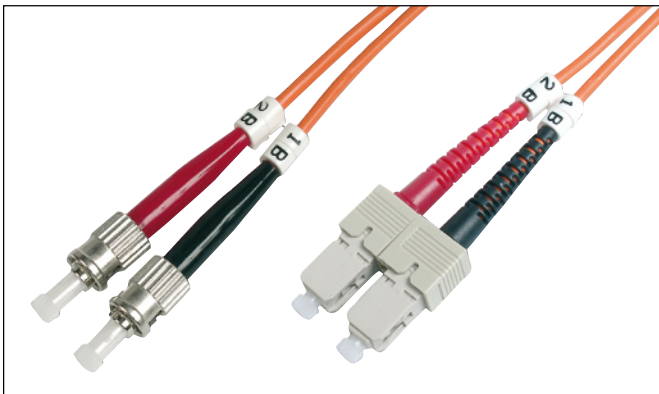
The connectors LC, SC, ST, E2000 are always available.



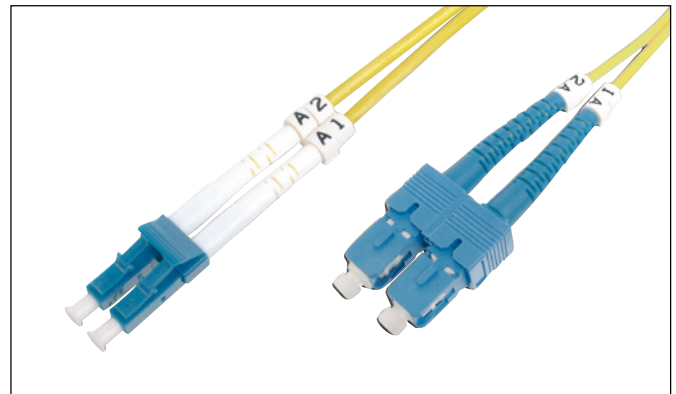
The product range of DIGITUS® Professional also provides wall-mount splice boxes suitable for industrial use.



Optical fiber patch cable, LC/SC, class OM3 multimode



Optical fiber patch cable, ST/SC connector, class OM2 multimode



Optical fiber patch cable, LC/SC connector, class OS1 single mode

DIGITUS® Patch Cable

DIGITUS® Professional offers a wide range of high quality products of constantly available fiber optic patch cables. Practically every request and every requirement is covered by the broad range of connector types and fiber qualities.

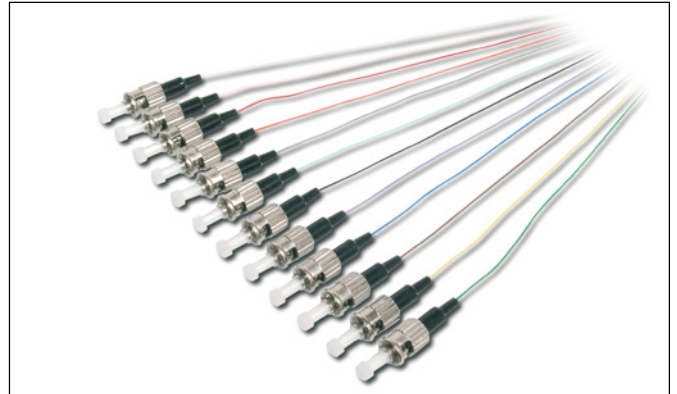
In the DIGITUS® Professional product range you will find the suitable cable for every application. The broad range, deliverable ex warehouse in Lüdenscheid includes the con-

connector types ST, SC, and LC. All connector types are available in the lengths 1 to 10 meters. There are many optional fiber types available, OM1, OM2, OM3, OM4 and OS1, OS2.

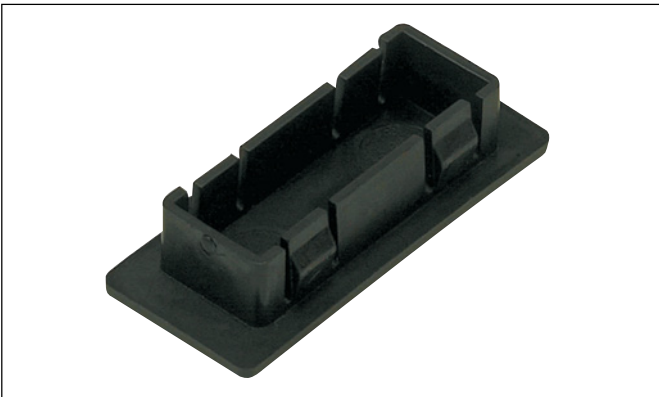
Every cable is individually tested after the assembly and is delivered with the test report. We would like to discuss your individual cable requests with you in order to realize them within the shortest time.



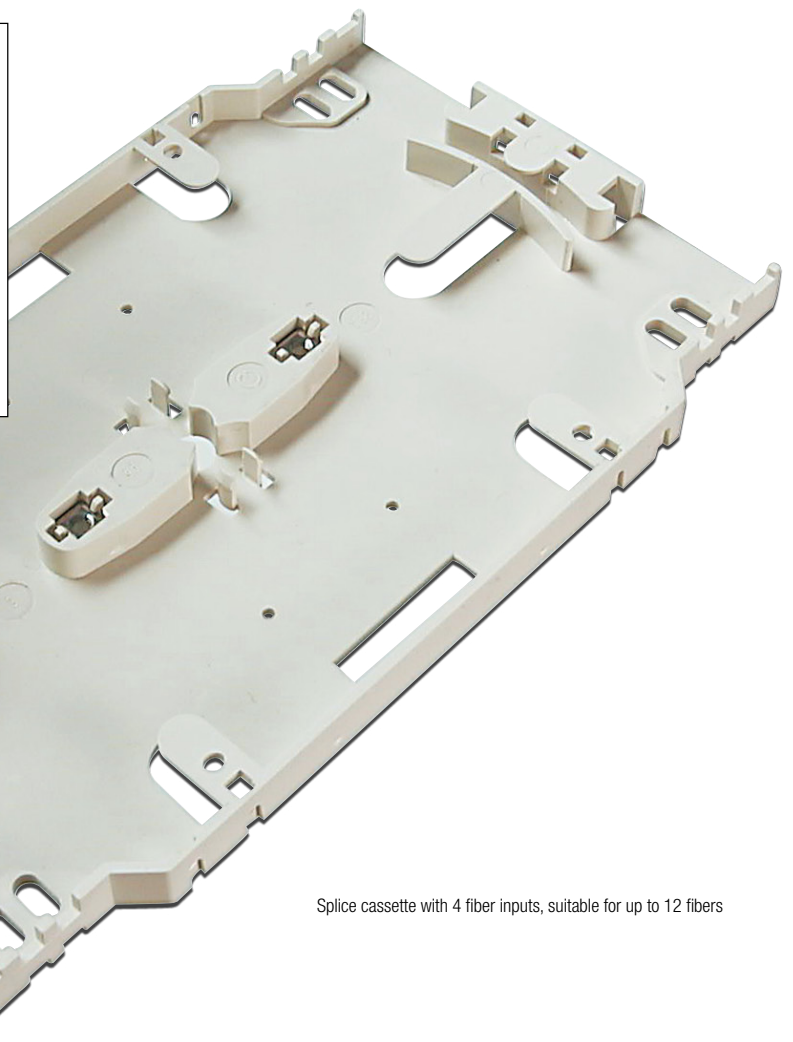
Splicing comb with splice protection



Fiber pigtails, color coded



Blind plug, as protection against dust and impurities



Splice cassette with 4 fiber inputs, suitable for up to 12 fibers

DIGITUS® Pigtails & Accessories

Within the framework of optical fiber installations there exist many accessories which are necessary for a successful mounting. DIGITUS® Professional offers a well established range of products for all eventualities which comprises all accessories necessary for a complete cable system installation.

From pigtails with different connector types and fiber qualities to couplings and connectors either of phosphor bronze or ceramics type DIGITUS® Professional provides them all. Furthermore, DIGITUS® Professional supplies splice cassettes, cassette covers, splicing combs, splice protectors, blind plugs and many more accessories.

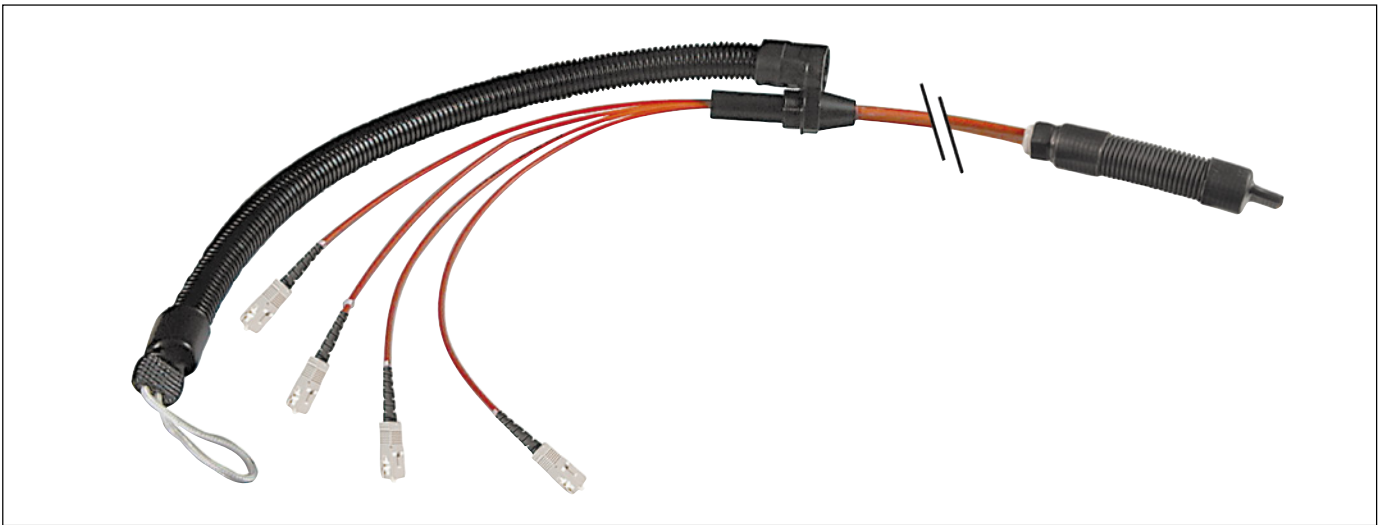
DIGITUS® Break-Out Cable

Break-Out cables from DIGITUS® Professional are optical fiber cables which can be built according to customer requests.

After the receipt of your order the cable is manufactured in the required length and with the requested connectors, therefore the engineer saves a lot of time due to this preassembly as they do not need any further trimming.

The installation is no longer reserved to experts!

As protection during the installation process the cables are equipped with a protective cap and a feeding device to facilitate the installation even more. There is no limit of the selection of cables, all standard connector types, fiber qualities and lengths can be ordered according to individual demands.



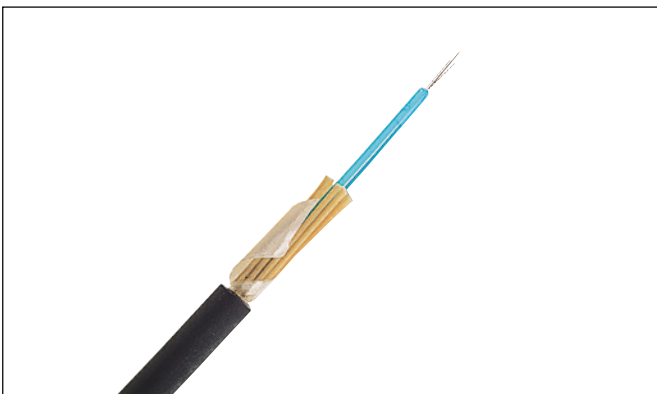
The cables which are pre-assembled in the laboratory, reach excellent measuring results. The feeding device and the protective cap allow an easy and protected installation.

DIGITUS® Installation Cable

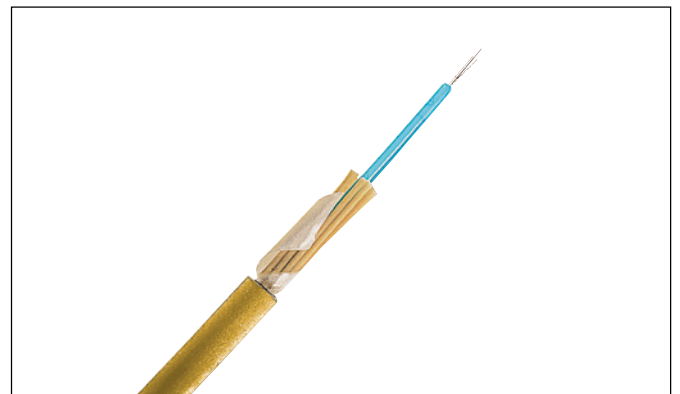
For the professional installation of optical fiber cables DIGITUS® Professional offers a wide range of different types of installation cables. The DIGITUS® Professional product range supplies all cable types, whether with 4, 8, 12, or 24 fibers or in different qualities as OM1, OM2, OM3, and OS1. The halogen-free installation cables comply with the fire protection regulations for buildings.

These can be installed in indoor and outdoor areas. For the exclusive outdoor installation cables with PE sheathing are used.

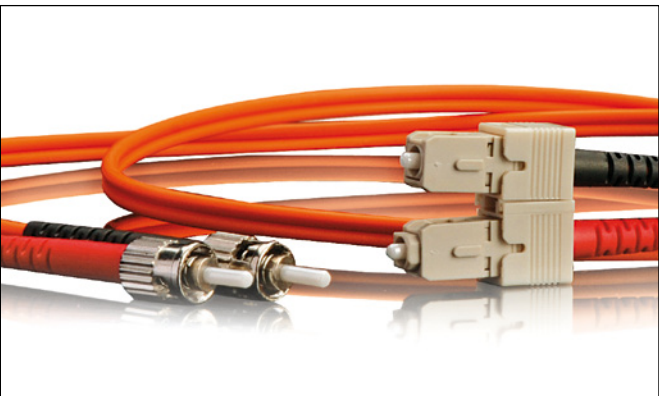
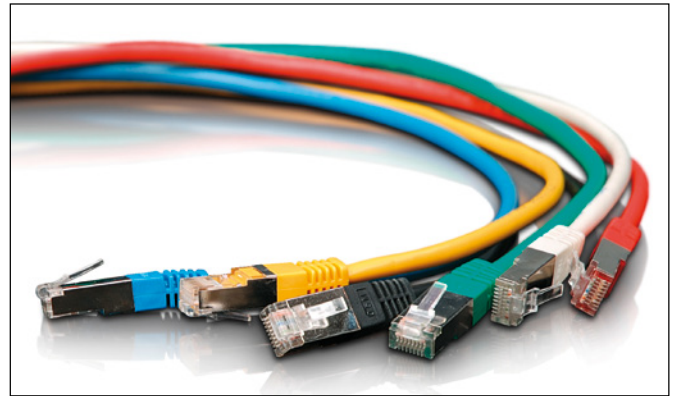
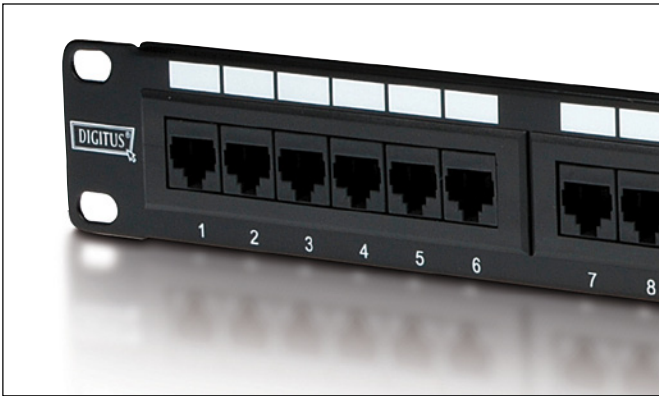
We only work together with the best fiber suppliers; therefore the DIGITUS® Professional cables guarantee highest performance and reliability.



DIGITUS® Professional universal installation cable are equipped with a halogen-free sheathing. Cable for outdoor use are supplied with a PE sheathing.



The product range provides cable with 4, 8, 12, and 24 fibers and includes the fiber qualities OM1, OM2, OM3, and OS1.



Have a close look!

In integrated systems and infrastructures quality and compatibility are of highest importance - we stand up to any extensive testing -check it for yourself.

DIGITUS® Professional defines a clear-cut benchmark for professional applications in facility management (security and surveillance), from system integration to data centers.

The professional datacom products are suitable for the hard and continuous use in data processing centers and in middle-sized up to large IT infrastructures.

Our KVM consoles and 19" switches are only a little part of our product range which is constantly upgraded and certified. In the professional network field we offer from high quality and

durable Ethernet copper cables, optical fiber cables, electrical cables, and patch panels up to network and server cabinets (10" and 19") everything what is necessary today and in the future for a professional and integrated networking. Active network components are equally as important as is the IP camera technology and the necessary interface solutions.

Despite the international standards our comprehensive product range facilitates the full compatibility of the entire product portfolio. We supply you with completely inspected, tested, and perfectly compatible technology.

Fiber Optic Network Components



Product Range Professional

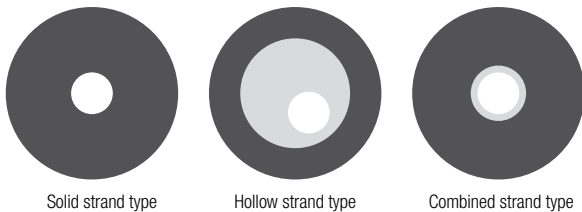
The difference between single mode and multi mode

The light is reflected in a zigzag pattern in the core of thicker multi-mode fiber cables. This results in higher attenuation, the range of the signal reduces, in other words. The light does not refract so frequently in single mode fiber cables and guarantees an enormous range.



Cladding

There are several forms of cladding for glass fiber cables.



The solid strand type surrounds the fiber directly. This has a disadvantageous effect when there is high strain and with temperature differences.

Unlike the solid strand type, the hollow strand type does not surround the fiber directly. There is a hollow space between the cladding and the fiber which reduces the disadvantageous effects of strain load and temperature differences.

The combined strand type represents an intermediate form of the solid core type and the hollow core type. The hollow space of the cladding is filled here with a gel or similar.

Use of the individual glass fiber cables

Multi fire cables are usually found in cabling in buildings and in short and medium distance runs. OM2 fiber cables are used the most. OM3 fibers of better quality are used more and more frequently and replace OM2 fiber cables over the long run.

Single mode fiber cables are used because of their good signal properties in long distance cabling.

LWL plugs

The widest distributed LWL plugs are ST-, SC- and LC plugs. The LC plugs gains an ever increasing share of the market for glass fiber plugs because of the compact size and their use with mini GBIC modules in switches or media converters.

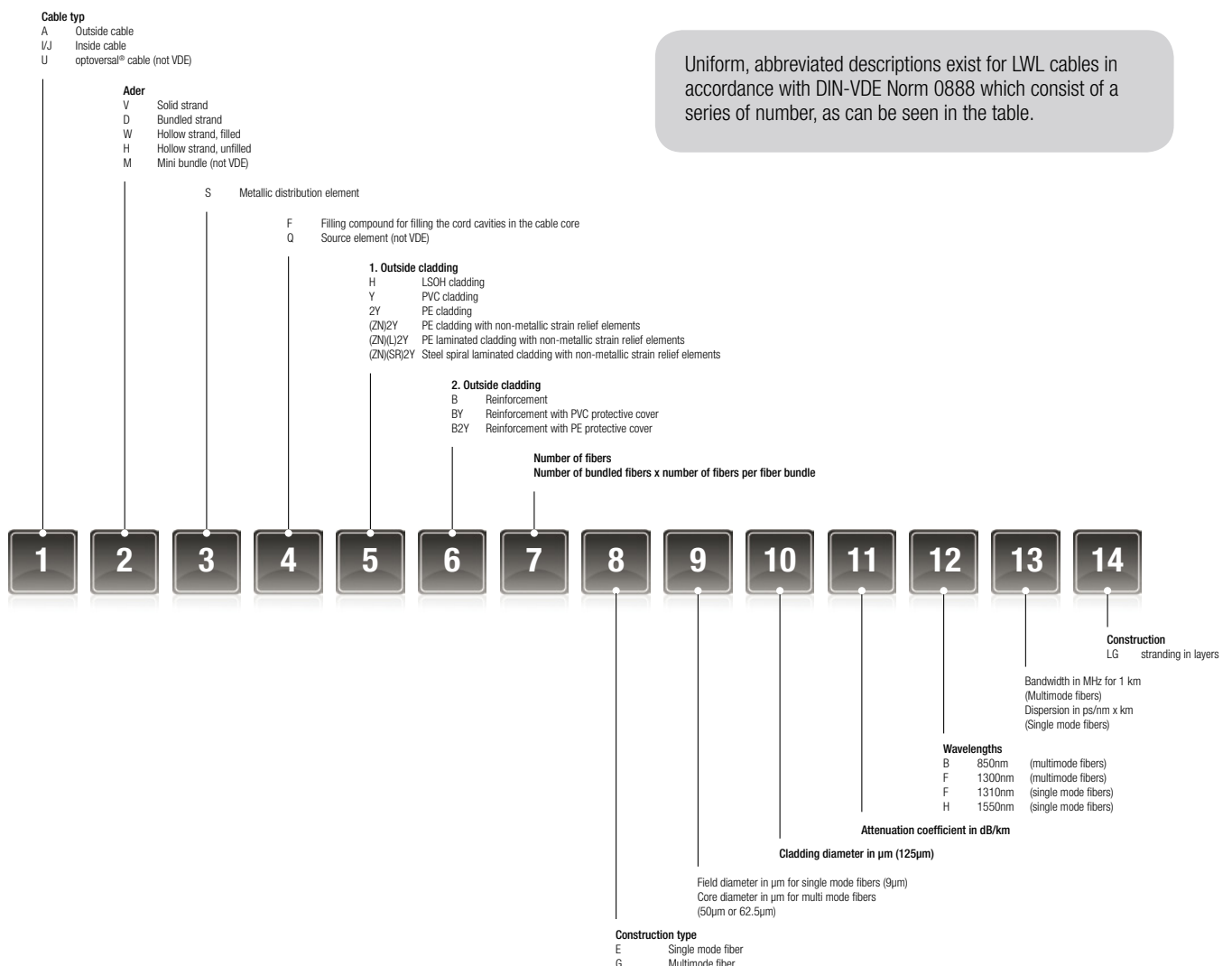
Pigtails

Pigtails are cables equipped with an LWL plug on one side and a plain glass fiber cable on the other side. They are used at the end points of laid cables and are spliced with each other.

Splicing

Splicing is understood to be the connection of two glass fiber cables. These are adjusted at their end points and permanently fused together.

Uniform, abbreviated descriptions exist for LWL cables in accordance with DIN-VDE Norm 0888 which consist of a series of number, as can be seen in the table.



Technical Data // Fiber-Optic Patch Cables

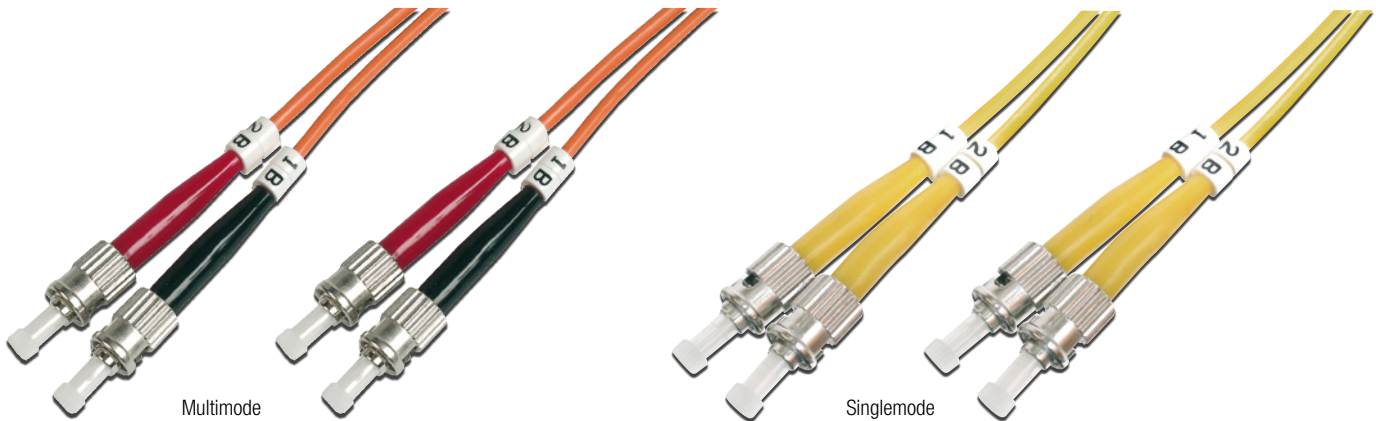
	ST - ST DK-2511-01 ... DK-2911-10	SC - SC DK-2522-01 ... DK-2922-10
Mechanical Properties		
Primary Coating	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm
Secondary Coating	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm
Coating (buffer) color	"SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange"	"SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange"
Cable protection	Aramid (Kevlar)	Aramid (Kevlar)
Operating temperature	"min: -20 °C max: +60 C°"	"min: -20 °C max: +60 C°"
Storage temperature	"min: -25 °C max: +80 C°"	"min: -25 °C max: +80 C°"
Cable jacket	LSOH	LSOH
Cable building	"SM: 2x4mm or 3x6mm MM: 2,5x5mm"	"SM: 2x4mm or 3x6mm MM: 2,5x5mm"
Optical Properties		
Insertion loss	"SM PC: max. 0,5dB MM PC: max. 0,4dB"	"SM PC: max. 0,5dB MM PC: max. 0,4dB"
Return loss	"SM PC : > 35dB MM PC: > 25dB"	"SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB"
Life cycle	> 500 connections	> 500 connections

	LC - LC DK-2533-01 ... DK-2933-10	E2000 - E2000 AL-9E2000-011 ... AL-9E2000:051
Mechanical Properties		
Primary Coating	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm
Secondary Coating	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm
Coating (buffer) color	"SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange"	"SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange"
Cable protection	Aramid (Kevlar)	Aramid (Kevlar)
Operating temperature	"min: -20 °C max: +60 C°"	"min: -20 °C max: +60 C°"
Storage temperature	"min: -25 °C max: +80 C°"	"min: -25 °C max: +80 C°"
Cable jacket	LSOH	LSOH
Cable building	"SM: 2x4mm or 3x6mm MM: 2,5x5mm"	"SM: 2x4mm or 3x6mm MM: 2,5x5mm"
Optical Properties		
Insertion loss	"SM PC: max. 0,5dB MM PC: max. 0,4dB"	"SM PC: max. 0,5dB MM PC: max. 0,4dB"
Return loss	"SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB"	"SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB"
Life cycle	> 500 connections	> 1000 connections

ST / ST Fiber-Optic Patch Cable, Duplex

- ST / ST Connectors
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet

- Connector with ceramic ferrule
- Two color Boot (Multimode cable)
- Single packed, with test report



Multimode

Singlemode



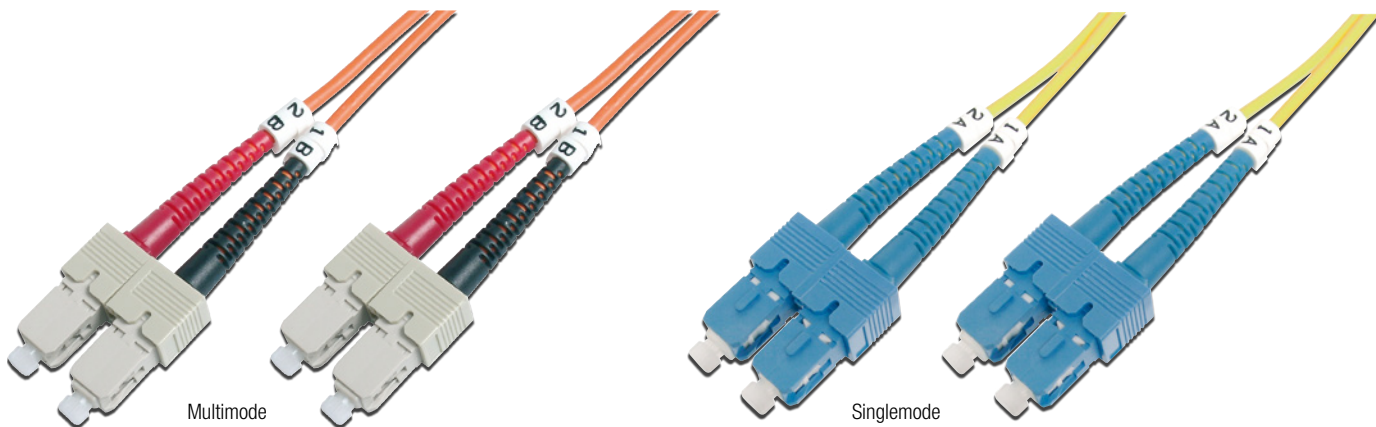
Please choose your requested product by the corresponding article number or the EAN code.

	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode - 9/125 μ
1,0 m	247999 / DK-2511-01	248194 / DK-2611-01	248279 / DK-2511-01/3	248330 / DK-2911-01
2,0 m	248033 / DK-2511-02	248217 / DK-2611-02	248286 / DK-2511-02/3	248347 / DK-2911-02
3,0 m	248064 / DK-2511-03	248224 / DK-2611-03	248293 / DK-2511-03/3	248354 / DK-2911-03
5,0 m	248118 / DK-2511-05	248231 / DK-2611-05	248309 / DK-2511-05/3	248361 / DK-2911-05
7,0 m	248101 / DK-2511-07	248255 / DK-2611-07	248316 / DK-2511-07/3	248378 / DK-2911-07
10,0 m	248095 / DK-2511-10	248262 / DK-2611-10	248323 / DK-2511-10/3	248385 / DK-2911-10

SC / SC Fiber-Optic Patch Cable, Duplex

- SC / SC Connector
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet
- SCA = 8° APC

- Connector with ceramic ferrule
- Two color Boot (Multimode cable)
- Single packed, with test report



Multimode

Singlemode



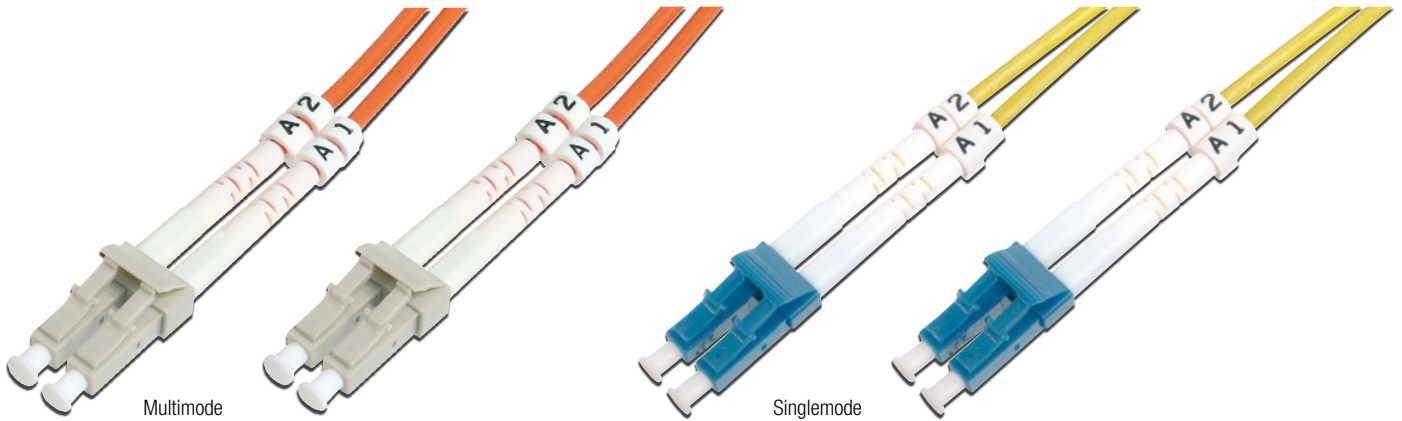
Please choose your requested product by the corresponding article number or the EAN code.

	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode 9/125 μ	Multimode OM4 - 50/125 μ	Singlemode 9/125 μ	Singlemode 9/125 μ
1,0 m	248392 / DK-2522-01	248460 / DK-2622-01	248538 / DK-2522-01/3	248736 / DK-2922-01	308850 / DK-2522-01-4	308973 / DK-292SCA2SCA-01	309031 / DK-292SCA2SC-01
2,0 m	248408 / DK-2522-02	248477 / DK-2622-02	248545 / DK-2522-02/3	248743 / DK-2922-02	308867 / DK-2522-02-4	308980 / DK-292SCA2SCA-02	309451 / DK-292SCA2SC-02
3,0 m	248415 / DK-2522-03	248491 / DK-2622-03	248552 / DK-2522-03/3	248750 / DK-2922-03	308874 / DK-2522-03-4	308997 / DK-292SCA2SCA-03	309048 / DK-292SCA2SC-03
5,0 m	248422 / DK-2522-05	248507 / DK-2622-05	248569 / DK-2522-05/3	248767 / DK-2922-05	308881 / DK-2522-05-4	309000 / DK-292SCA2SCA-05	309055 / DK-292SCA2SC-05
7,0 m	248446 / DK-2522-07	248514 / DK-2622-07	248576 / DK-2522-07/3	248774 / DK-2922-07	308898 / DK-2522-07-4	309017 / DK-292SCA2SCA-07	309062 / DK-292SCA2SC-07
10,0 m	248453 / DK-2522-10	248521 / DK-2622-10	248729 / DK-2522-10/3	248781 / DK-2922-10	308904 / DK-2522-10-4	309024 / DK-292SCA2SCA-10	309079 / DK-292SCA2SC-10

LC / LC Fiber-Optic Patch Cable, Duplex

- LC / LC Connector
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet
- LCA = 8° APC

- Connector with ceramic ferrule
- Two color Boot (Multimode Cable)
- Single packed, with test report



Multimode

Singlemode



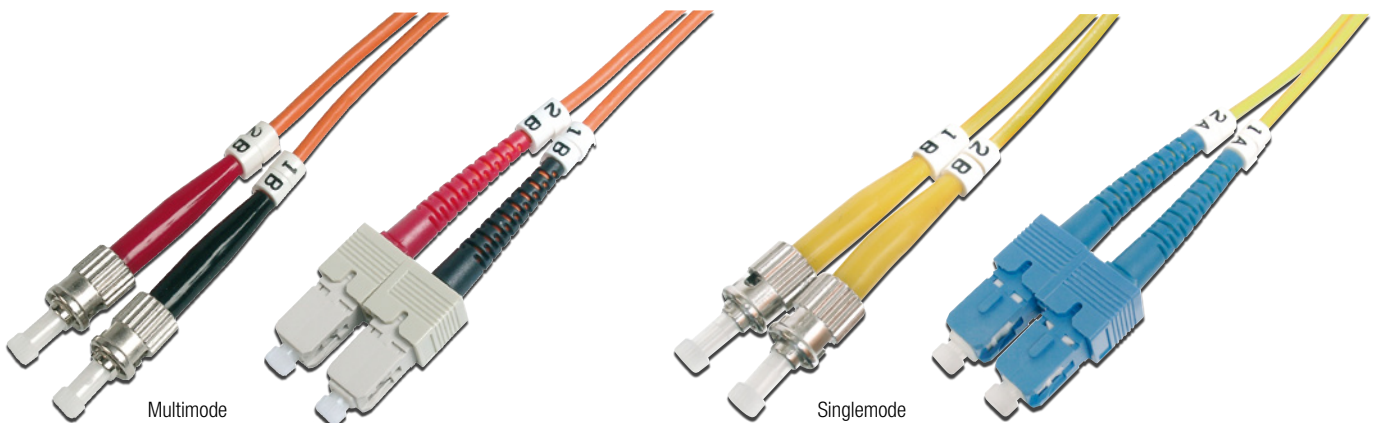
Please choose your requested product by the corresponding article number or the EAN code.

	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode 9/125 μ	Multimode OM4 - 50/125 μ	Singlemode 9/125 μ	Singlemode 9/125 μ
1,0 m	249030 / DK-2533-01	248798 / DK-2633-01	248859 / DK-2533-01/3	248910 / DK-2933-01	308799 / DK-2533-01-4	309093 / DK-293LCA3LCA-01	309147 / DK-293LCA3LC-01
2,0 m	249054 / DK-2533-02	248804 / DK-2633-02	248866 / DK-2533-02/3	248927 / DK-2933-02	308805 / DK-2533-02-4	309086 / DK-293LCA3LCA-02	309154 / DK-293LCA3LC-02
3,0 m	249047 / DK-2533-03	248811 / DK-2633-03	248873 / DK-2533-03/3	248934 / DK-2933-03	308812 / DK-2533-03-4	309109 / DK-293LCA3LCA-03	309161 / DK-293LCA3LC-03
5,0 m	249061 / DK-2533-05	248828 / DK-2633-05	248880 / DK-2533-05/3	248941 / DK-2933-05	308829 / DK-2533-05-4	309116 / DK-293LCA3LCA-05	309178 / DK-293LCA3LC-05
7,0 m	249078 / DK-2533-07	248835 / DK-2633-07	248897 / DK-2533-07/3	248958 / DK-2933-07	308836 / DK-2533-07-4	309123 / DK-293LCA3LCA-07	309185 / DK-293LCA3LC-07
10,0 m	249085 / DK-2533-10	248842 / DK-2633-10	248903 / DK-2533-10/3	248965 / DK-2933-10	308843 / DK-2533-10-4	309130 / DK-293LCA3LCA-10	309192 / DK-293LCA3LC-10

ST / SC Fiber-Optic Patch Cable, Duplex

- ST / SC Connector
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet

- Connector with ceramic ferrule
- Two color Boot (Multimode Cable)
- Single packed, with test report



Multimode

Singlemode



Please choose your requested product by the corresponding article number or the EAN code.

	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode - 9/125 μ
1,0 m	248606 / DK-2512-01	248668 / DK-2612-01	248972 / DK-2512-01/3	249092 / DK-2912-01
2,0 m	248613 / DK-2512-02	248675 / DK-2612-02	248989 / DK-2512-02/3	249108 / DK-2912-02
3,0 m	248620 / DK-2512-03	248682 / DK-2612-03	248996 / DK-2512-03/3	249115 / DK-2912-03
5,0 m	248637 / DK-2512-05	248699 / DK-2612-05	249009 / DK-2512-05/3	249122 / DK-2912-05
7,0 m	248644 / DK-2512-07	248705 / DK-2612-07	249016 / DK-2512-07/3	249139 / DK-2912-07
10,0 m	248651 / DK-2512-10	248712 / DK-2612-10	249023 / DK-2512-10/3	249146 / DK-2912-10

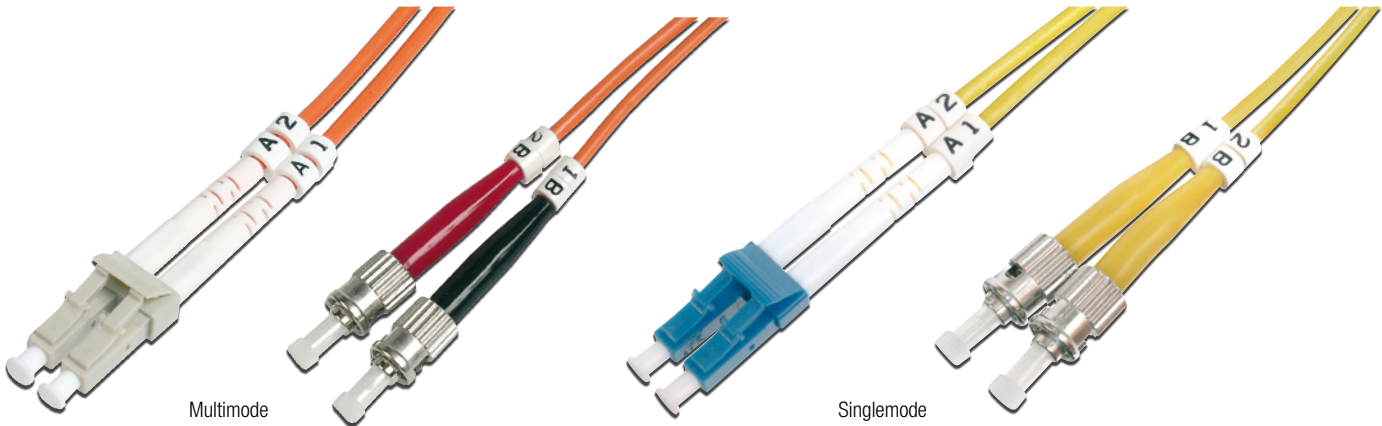
Fiber-Optic Patch Cables



LC / ST Fiber-Optic Patch Cable, Duplex

- LC / ST connector
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet

- Connector with ceramic ferrule
- Two color Boot (Multimode Cable)
- Single packed, with test report



Multimode

Singlemode



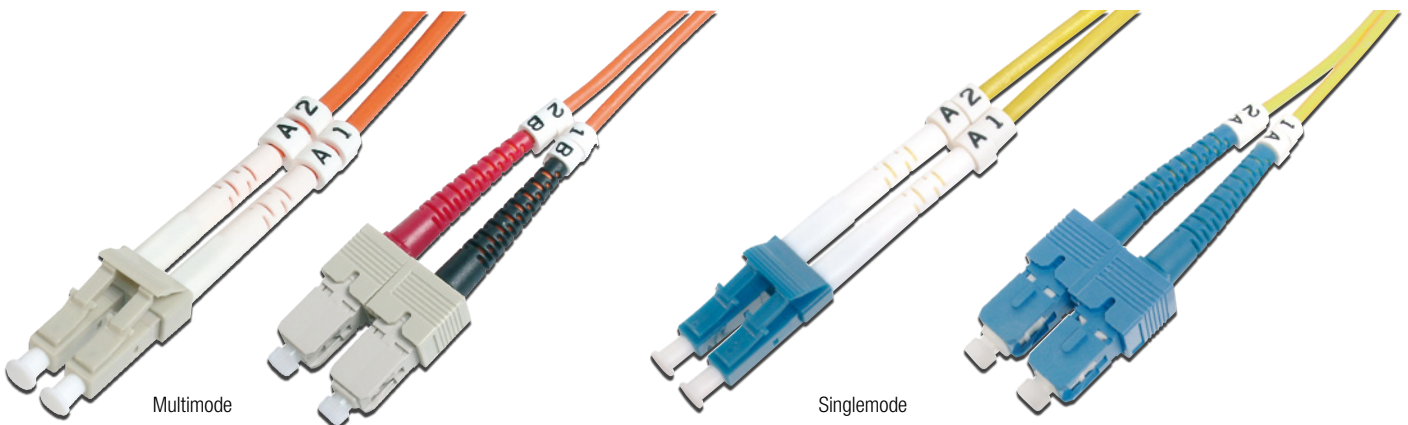
Please choose your requested product by the corresponding article number or the EAN code.

	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode - 9/125 μ
1,0 m	249153 / DK-2531-01	249214 / DK-2631-01	249276 / DK-2531-01/3	249337 / DK-2931-01
2,0 m	249160 / DK-2531-02	249221 / DK-2631-02	249283 / DK-2531-02/3	249344 / DK-2931-02
3,0 m	249177 / DK-2531-03	249238 / DK-2631-03	249290 / DK-2531-03/3	249351 / DK-2931-03
5,0 m	249184 / DK-2531-05	249245 / DK-2631-05	249306 / DK-2531-05/3	249368 / DK-2931-05
7,0 m	249191 / DK-2531-07	249252 / DK-2631-07	249313 / DK-2531-07/3	249375 / DK-2931-07
10,0 m	249207 / DK-2531-10	249269 / DK-2631-10	249320 / DK-2531-10/3	249382 / DK-2931-10

LC / SC Fiber-Optic Patch Cable, Duplex

- LC / SC Connector
- Halogen free cable I-VH 2G-XXX (Multimode), I-VH 2E-XXX (Singlemode)
- OM3 up to 10Gbit Ethernet, OM1 & 2 1Gbit Ethernet
- SCA = 8° APC, LCA = 8° APC

- Connector with ceramic ferrule
- Two color Boot (Multimode Cable)
- Single packed, with test report



Multimode

Singlemode



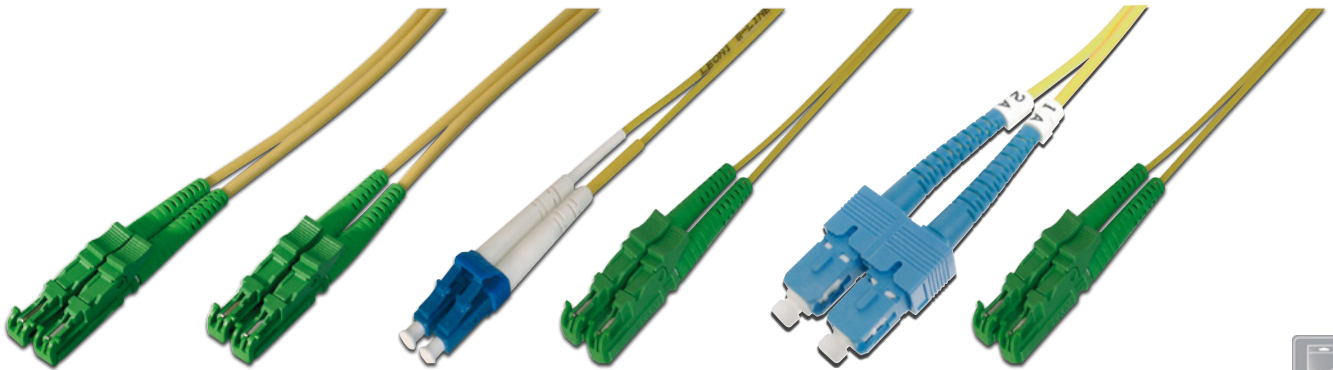
Please choose your requested product by the corresponding article number or the EAN code.

	Multimode OM2 - 50/125 μ	Multimode OM1 - 62,5/125 μ	Multimode OM3 - 50/125 μ	Singlemode 9/125 μ	Multimode OM4 - 50/125 μ	Singlemode 9/125 μ	Singlemode 9/125 μ
1,0 m	249399 / DK-2532-01	249467 / DK-2632-01	249566 / DK-2532-01/3	249634 / DK-2932-01	308911 / DK-2532-01-4	309208 / DK-292SCA3LCA-01	309260 / DK-292SCA3LC-01
2,0 m	249405 / DK-2532-02	249474 / DK-2632-02	249580 / DK-2532-02/3	249641 / DK-2932-02	308928 / DK-2532-02-4	309215 / DK-292SCA3LCA-02	309277 / DK-292SCA3LC-02
3,0 m	249412 / DK-2532-03	249481 / DK-2632-03	249597 / DK-2532-03/3	249658 / DK-2932-03	308935 / DK-2532-03-4	309222 / DK-292SCA3LCA-03	309284 / DK-292SCA3LC-03
5,0 m	249436 / DK-2532-05	249498 / DK-2632-05	249603 / DK-2532-05/3	249665 / DK-2932-05	308942 / DK-2532-05-4	309239 / DK-292SCA3LCA-05	309291 / DK-292SCA3LC-05
7,0 m	249443 / DK-2532-07	249511 / DK-2632-07	249610 / DK-2532-07/3	249672 / DK-2932-07	308959 / DK-2532-07-4	309246 / DK-292SCA3LCA-07	309307 / DK-292SCA3LC-07
10,0 m	249450 / DK-2532-10	249528 / DK-2632-10	249627 / DK-2532-10/3	249689 / DK-2932-10	308966 / DK-2532-10-4	309253 / DK-292SCA3LCA-10	309345 / DK-292SCA3LC-10

E2000 / E2000, Fiber Optic Patch Cable, Duplex

- Singlemode 09/125 μ with 8° APC
- Cable I-VH 2E-XXX, holgenfrei

- Connector with ceramic ferrule
- Single packed with test report



Please choose your requested product by the corresponding article number or the EAN code.

	E 2000 (8° APC) - E 2000 (8° APC)	E 2000 (8° APC) - LC (PC)	E 2000 (8° APC) - SC (PC)
1,0 m	204725 / AL-9E2000-01I	204763 / AL-9E2000LC-01I	204800 / AL-9E2000SC-01I
2,0 m	204732 / AL-9E2000-02I	204770 / AL-9E2000LC-02I	204817 / AL-9E2000SC-02I
3,0 m	204749 / AL-9E2000-03I	204787 / AL-9E2000LC-03I	204824 / AL-9E2000SC-03I
5,0 m	204756 / AL-9E2000-05I	204794 / AL-9E2000LC-05I	204831 / AL-9E2000SC-05I
10,0 m	308256 / AL-9E2000-10I	308331 / AL-9E2000LC-10I	308348 / AL-9E2000SC-10I
15,0 m	308263 / AL-9E2000-15I	308324 / AL-9E2000LC-15I	308355 / AL-9E2000SC-15I
20,0 m	214908 / AL-9E2000-20I	212027 / AL-9E2000LC-20I	212010 / AL-9E2000SC-20I
25,0 m	308270 / AL-9E2000-25I		
30,0 m	308287 / AL-9E2000-30I	308317 / AL-9E2000LC-30I	308379 / AL-9E2000SC-30I
40,0 m	308300 / AL-9E2000-40I		

E 2000 Pigtail Simplex



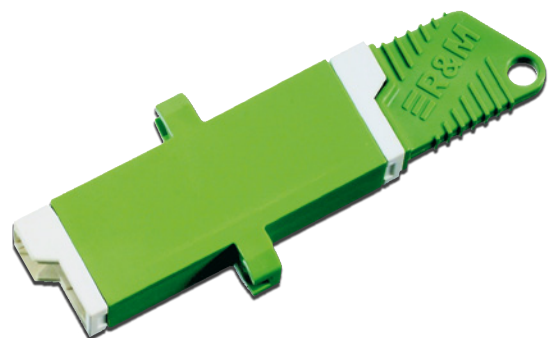
Cost reduction by verifiable quality and high performance
Simplex OS 1 09/125 μ 2m

- Connector 1 E2000 (APC)
- Fiber class OS1
- Fiber diameter 9/125μ
- Mode Singlemode
- Color cable yellow
- Boot single-color
- Length 2 m
- Packaging Polybag



204848 / AL-9FPE2000-02I
E2000 Pigtail with 8° (APC), Simplex, 2m

E2000 Coupler, Simplex



acc. IEC61754-15, DIN EN 186270

- acc. IEC61754-15, DIN EN 186270
- Singlemode
- Polymer housing (PBT); fiber-glass reinforced (LSOH)
- Zirconia ceramic ferrule
- 8° APC
- Color green



204855 / ALWL-E2000
E2000 Singlemode with 8° APC, zirconia sleeve

Twisted Pair Installation Cables

Fiber Specifications

G50/125 Multimode Fiber **G50/125** according to IEC 60 793-2-10

Geometric/mechanical properties

Core diameter (µm)	50 ± 2,5	Cladding non-circularity (%)	≤ 1
Coating diameter (µm)	125 ± 2	Core/cladding concentricity error (µm)	≤ 1
Core non-circularity (%)	245 ± 10	Eccentricity of coating (µm)	≤ 10
Core non-circularity (%)	≤ 5	Screen test	≥ 1% sketching for 1s (100 kpsi)

Transmission properties	Fiber type F		Fiber type G		Fiber type H		Fiber type I		Fiber type J	
	(OM2)		(OM2+)		(OM2++)		(OM3)		(OM4)	
Wavelength (nm)	850	1300	850	1300	850	1300	850	1300	850	1300
Attenuation max. (dB/km)	2,4	0,7	2,4	0,7	2,4	0,7	2,5	0,7	2,4	0,6
Bandwidth min. OFL (MHz · km)	500	500	500	1000	750	500	1500	500	3500	500
Bandwidth min. EMB (MHz · km)	Not required		Not required		Not required		2000	300	4700	550
Effective group of refraction	1.483	1.478	1.483	1.478	1.483	1.478	1.483	1.478	1.483	1.478
Numerical aperture	0.200 ± 0.020		0.200 ± 0.015		0.200 ± 0.015		0.200 ± 0.015		0.200 ± 0.015	

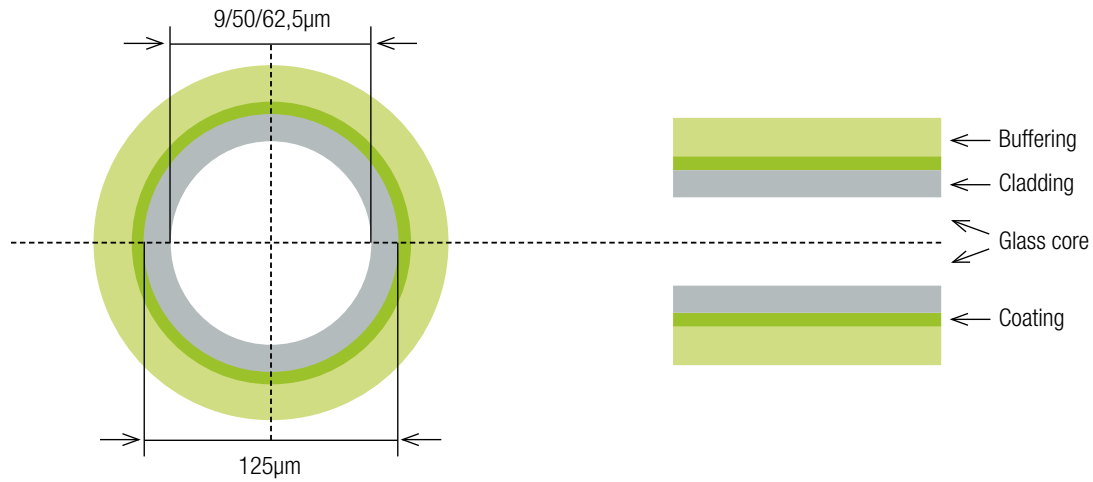
G62,5/125 Multimode Fiber **G62,5/125** according to IEC 60 793-2-10

Geometric/mechanical properties

Core diameter (µm)	62,5 ± 2,5	Cladding non-circularity (%)	< 1
Coating diameter (µm)	245 ± 10	Core/cladding concentricity error (µm)	< 10
Core non-circularity (%)	≤ 5	Eccentricity of coating (µm)	< 10
Core non-circularity (%)	≤ 5	Screen test	≥ 1% sketching for 1s (100 kpsi)

Transmission properties	Fiber type L		Fiber type M	
	(OM1)		(OM1+)	
Wavelength (nm)	850	1300	850	1300
Attenuation max. (dB/km)	2,9	0,7	2,9	0,7
Bandwidth min. OFL (MHz · km)	200	500	220	800
Bandwidth min. EMB (MHz · km)	Not required		Not required	
Effective group of refraction	1,497	1,493	1,497	1,493
Numerical aperture	0.275 ± 0.015		0.275 ± 0.015	

Fiber Specifications



E9/125 Monomode Fiber E9/125 (matched cladding type) acc. to ITU-T Rec. G.652.D, ITU-T Rec. G.657.A and IEC 60 793-2-50

Geometric/mechanical properties

Core diameter (µm)	9.2 ± 0.4 / 8.6 ± 0.4	Mode field/cladding concentricity error (µm)	< 0.5
Coating diameter (µm)	245 ± 10	Eccentricity of coating (µm)	< 12
Core non-circularity (%)	≤ 0,4	Screen test	0,86 Gpa (1,2 % 120 kpsi)
Cladding non-circularity (%)	≤ 0,5		

Transmission properties	Fiber type A		Fiber type B		Fiber type E	
	acc. to ITU-T G.652.D and ISO 11801 type OS 2"		acc. to ITU-T G.652.D and ISO 11801 type OS 2"		acc. to ITU-T G.657.A	
	for semi-tight and tight buffered fibers		for loose tubes			
Wavelength (nm)	1310	1550	1310	1550	1310	1550
Attenuation max. (dB/km)	0,33	0,19	0,33	0,19	0,35	0,21
Dispersion coefficient max. (ps/nm · km)	3,5	17	3,5	17	≤ 3	≤ 18
Zero dispersion wavelength (nm)	1300 – 1324		1300 – 1324		1300 – 1324	
Dispersion slope (ps/nm ² · km)	≤ 0.090		≤ 0.090		≤ 0.092	
Cut-off wavelength (cabled) (nm)	≤ 1260		≤ 1260		≤ 1260 nm	
Polarisation mode dispersion (ps/ √ KM)	≤ 0.2		≤ 0.2		≤ 0.2	
Effective group of refraction	1,466	1,467	1,466	1,467	1,466	1,467
Mode field diameter at 1310 µm (µm)	9.2 ± 0.4		9.2 ± 0.4		8.6 ± 0.4	

Technical Data // Universal Fiber Optic Cables

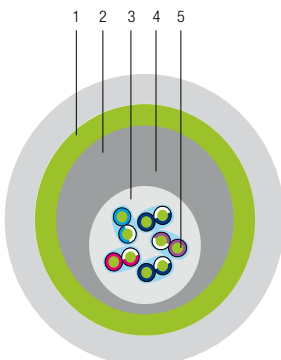
Universal FIBER OPTIC CABLES – Central Loose Tube AI-DQ(ZN)BH 4 – 24 CORES G50/125, G62,5/125 , E9/125

Characteristics		Offered by the Tenders
1. No of tubes		1 (One Tube) ; (24 fibers = two tubes)
2. No of Fibers per Cable		4 ...12 Fibers (24 fibers = 2 x 12 fibers per each tube)
3. Loose tube - Material - Diameter - Type of filling compound		- Polybuteneterephteleta (PBT) - 3,5 mm - Thyrotrophic jelly
4. Tensile strength member - Material		- Glass yarn
5. Outer Sheath - Material and Thickness		- LSOH-UV - 1,5 mm thickness
6. Drum Length		2000 meters (± 10 %)
7. Cable weight (kg/km) approx.		80 kg / Km
8. Outer Diameter of cable approx.		7 mm
9. Test results of Mechanical Characteristics		
Tensile strength	IEC – 974-1-E1	- 900 / 1200 N
Bending radius	IEC – 974-1-E11	- 15 X Ø. Diameter of cable (Static) - 20 X Ø. Diameter of cable (dynamic)
Operating Temperature	IEC – 974-1-F1	- 30 degree to +60 degree
Storage Temperature	IEC – 974-1-F1	- 40 degree to +70 degree
Installation Temperature		- 5°C up to +50°C
Impact Resistance	IEC – 974-1-E4	- 20nm
Crush Resistance	IEC – 974-1-E3	- 1500 N
Repeated Bending	IEC – 974-1-E6	- 10xD / 50N Load (10 Bending)
Flame resistant	IEC – 332-3	
Fiber specification	G50/125 OM2	EN188201, IEC 793-2, ITU G651
	G50/125 OM3	EN188201, IEC 793-2
	G62,5/125 OM1	EN188202, IEC 793-2)
	E9/125 OS1	IEC/EN 60793-1, IEC/EN 60793-2, ITU G652B













Features: Elimination of one splice at building entrance
Longitudinally and laterally water-resistant
Non-metal rodent protection
UV resistant LSZH Outer cable jacket

Attenuation for cable	
Ref (nm)	Max.
850	3,2 dB/km
1300	1,0 dB/km

Fiber count	Multimode 50/125 OM2	Multimode 50/125 OM3	Multimode 62.5/125 OM1	Singlemode 9/125 OS1 (G652B)
4	DK-35041-U	DK-35041/3-U	DK-36041-U	DK-36241-U
6	DK-35061-U			
8	DK-35081-U	DK-35081/3-U	DK-36081-U	DK-39081-U
12	DK-35121-U	DK-35121/3-U	DK-36121-U	DK-39121-U
24	DK-35241-U	DK-35241/3-U	DK-36241-U	DK-39241-U
Color jacket	black	turquoise	black	yellow



- 1 Cable jacket (LSOH-UV Jacket)
- 2 Glass yarn
- 3 Gel-filled
- 4 Loose tube
- 5 12 Fibers max. / Loose tube

Number of optical fibre or patch cord	FOTAG Code	Number of optical fibre or patch cord	FOTAG Code
1	Blue 	7	Red 
2	Orange 	8	Black 
3	Green 	9	Yellow 
4	Brown 	10	Purple 
5	Grey 	11	Pink 
6	White 	12	Turquoise 

Technical Data // Universal Fiber Optic Cables

Universal FIBER OPTIC CABLES – Central Loose Tube A-DQ(ZN)B2Y 4 – 24 CORES G50/125, G62,5/125 , E9/125

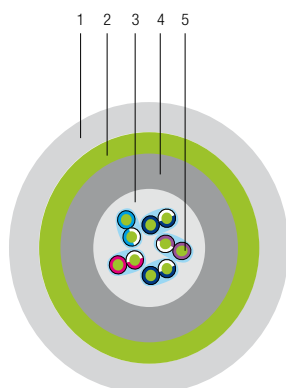
Characteristics		Offered by the Tenders
1. No of tubes		1 (One Tube) ; (24 fibers = two tubes)
2. No of Fibers per Cable		4 ... 12 Fibers (24 fibers = 2 x 12 fibers per each tube)
3. Loose tube - Material - Diameter - Type of filling compound		- Polybuteneterephteleta (PBT) - 3,5 mm - Thyrotrophic jelly
4. Tensile strength member - Material		- Glass yarn
5. Outer Sheath - Material and Thickness		- HDPE - 1,5 mm thickness
6. Drum Length		2000 meters (± 10 %)
7. Cable weight (kg/km) approx.		80 kg / Km
8. Outer Diameter of cable approx.		7 mm
9. Test results of Mechanical characteristics		
Tensile strength	IEC – 974-1-E1	- 900 / 1200 N
Bending radius	IEC – 974-1-E11	- 15 X O. Diameter of cable (Static) - 20 X O. Diameter of cable (dynamic)
Operating Temperature	IEC – 974-1-F1	- 30 degree to +60 degree
Storage Temperature	IEC – 974-1-F1	- 40 degree to +70 degree
Verlegetemperatur		- 5°C up to +50°C
Impact Resistance	IEC – 974-1-E4	- 20nm
Crush Resistance	IEC – 974-1-E3	- 1500 N
Repeated Bending	IEC – 974-1-E6	- 10xD / 50N Load (10 Bending)
Flame resistant	IEC – 332-3	
Fiber specification	G50/125 OM2	EN188201, IEC 793-2, ITU G651
	G50/125 OM3	EN188201, IEC 793-2
	G62,5/125 OM1	EN188202, IEC 793-2)
	E9/125 OS1	IEC/EN 60793-1, IEC/EN 60793-2, ITU G652B

Features: Useable for campus cabling
Relocation in the outer area
Longitudinally and laterally water-resistant













Non-metal rodent protection
UV resistant HDPE Outer cable jacket

Attenuation for cable	
Ref (nm)	Max.
850	3,2 dB/km
1300	1,0 dB/km

Fiber count	Multimode 50/125 OM2	Multimode 50/125 OM3	Singlemode 9/125 OS1 (G652B)
4	DK-35041-0	DK-35041/3-0	DK-39041-0
8	DK-35081-0	DK-35081/3-0	DK-39081-0
12	DK-35121-0	DK-35121/3-0	DK-39121-0
24	DK-35241-0	DK-35241/3-0	DK-39241-0
Color jacket	black		



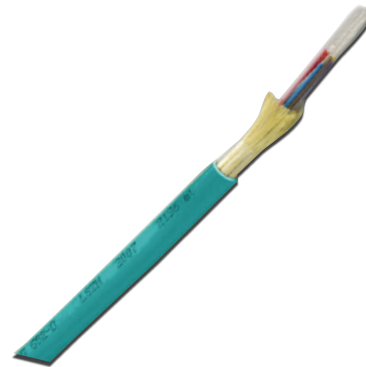
- 1 Cable jacket (LSOH-UV Jacket)
- 2 Glass yarn
- 3 Gel-filled
- 4 Loose tube
- 5 12 Fibers max. / Loose tube

Number of optical fibre or patch cord	FOTAG Code	Number of optical fibre or patch cord	FOTAG Code
1	Blue 	7	Red 
2	Orange 	8	Black 
3	Green 	9	Yellow 
4	Brown 	10	Purple 
5	Grey 	11	Pink 
6	White 	12	Turquoise 

Universal Fiber Optic Installation Cable, OM3

Best performance and link quality for your network
Universally useable, for indoor and outdoor use

- Central loose tube cable
- Multimode G50/125 OM3
- LSOH-Outer Sheath
- Halogen-free, flame-resistant as per IEC 332-3 C
- UV-resistant
- Longitudinally and laterally water-resistant
- Glass yarn armoured
- Non-metal rodent protection
- Metal free
- Color coded fibers
- 4 Fibers



272212 / DK-35041/3-U

Universal Fiber Optic Installation Cable, OM3, 4 Fibers

272229 / DK-35081/3-U

Universal Fiber Optic Installation Cable, OM3, 8 Fibers

272236 / DK-35121/3-U

Universal Fiber Optic Installation Cable, OM3, 12 Fibers

272243 / DK-35241/3-U

Universal Fiber Optic Installation Cable, OM3, 24 Fibers

Universal Fiber Optic Installation Cable, OM2

Best performance and link quality
for your network

- Universally useable, for indoor and outdoor use
- Central loose tube cable
- Multimode G50/125 OM2
- LSOH-Outer Sheath
- Halogen-free, flame-resistant as per IEC 332-3 C
- UV-resistant
- Longitudinally and laterally water-resistant
- Glass yarn armoured
- Non-metal rodent protection
- Metal free
- Color coded fibers
- 4 Fibers



272076 / DK-35041-U

Universal Fiber Optic Installation Cable, OM2, 4 Fibers

272090 / DK-35081-U

Universal Fiber Optic Installation Cable, OM2, 8 Fibers

272106 / DK-35121-U

Universal Fiber Optic Installation Cable, OM2, 12 Fibers

272113 / DK-35241-U

Universal Fiber Optic Installation Cable, OM2, 24 Fibers

Universal Fiber Optic Installation Cable, OS1

Best performance and link quality
for your network

- Universally useable, for indoor and outdoor use
- Central loose tube cable
- Singlemode E09/125 OS1
- LSOH-Outer Sheath
- Halogen-free, flame-resistant as per IEC 332-3 C
- UV-resistant
- Longitudinally and laterally water-resistant
- Glass yarn armoured
- Non-metal rodent protection
- Metal free
- Color coded fibers
- 4 Fibers



272175 / DK-39041-U

Universal Fiber Optic Installation Cable, OS1, 4 Fibers

272182 / DK-39081-U

Universal Fiber Optic Installation Cable, OS1, 8 Fibers

272199 / DK-39121-U

Universal Fiber Optic Installation Cable, OS1, 12 Fibers

272205 / DK-39241-U

Universal Fiber Optic Installation Cable, OS1, 24 Fibers

Technical Data Pigtail

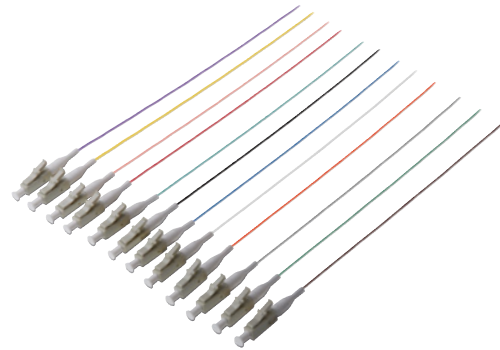
	ST DK-25112-02 ... DK-25112-02/3	SC DK-25221-02 ... DK-25221-02/3	LC DK-25332-02 ... DK-25332-02/3	E2000/APC 8° AL-9FPE2000-02I
Mechanical Properties				
Primary Coating	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm
Secondary Coating	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm
Coating (buffer) color	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange
Isolation strandet wire	hytrel / kevlar; Ø 1,4mm (± 0,2mm)	hytrel / kevlar; Ø 1,4mm (± 0,2mm)	hytrel / kevlar; Ø 1,4mm (± 0,2mm)	hytrel / kevlar; Ø 1,4mm (± 0,2mm)
Operating temperature	min: -20 °C max: +60 C°	min: -20 °C max: +60 C°	min: -20 °C max: +60 C°	min: -20 °C max: +60 C°
Storage temperature	min: -25 °C max: +80 C°	min: -25 °C max: +80 C°	min: -25 °C max: +80 C°	min: -25 °C max: +80 C°
Optical Properties				
Insertion loss	SM PC: max. 0,5dB MM PC: max. 0,4dB	SM PC: max. 0,5dB MM PC: max. 0,4dB	SM PC: max. 0,5dB MM PC: max. 0,4dB	SM PC: max. 0,5dB MM PC: max. 0,4dB
Return loss	SM PC : > 35dB MM PC: > 25dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB
Life cycle	> 500 connections	> 500 connections	> 500 connections	> 1000 connections

Technical Data E2000 Patch Cables

	E2000/APC 8° - LC/PC AL-9E2000LC-011 ... AL9E2000LC-05I	E2000/APC 8° - SC/PC AL-9E2000SC-011 ... AL9E2000SC-05I	E2000/APC 8° - E2000/APC 8° AL-9E2000-011 ... AL-9E2000-05I
Mechanical Properties			
Primary Coating	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm	Acrylate; Ø 250± 15µm
Secondary Coating	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm	Ø 0,9 ± 0,1mm
Coating color	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange	SM: yellow 50/125 OM2: green 50/125 OM3: Aqua 62/125 OM1: orange
Cable protection	Aramid (Kevlar)	Aramid (Kevlar)	Aramid (Kevlar)
Operating temperature	min: -20 °C max: +60 C°	min: -20 °C max: +60 C°	min: -20 °C max: +60 C°
Storage temperature	min: -25 °C max: +80 C°	min: -25 °C max: +80 C°	min: -25 °C max: +80 C°
Cable jacket	LSOH	LSOH	LSOH
Cable building	SM: 2x4mm or 3x6mm MM: 2,5x5mm	SM: 2x4mm or 3x6mm MM: 2,5x5mm	SM: 2x4mm or 3x6mm MM: 2,5x5mm
Optical Properties			
Insertion loss	SM APC: max. 0,5dB	SM APC: max. 0,5dB	SM PC: max. 0,5dB MM PC: max. 0,4dB
Return loss	SM APC: min. 60dB	SM APC: min. 60dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB
Life cycle	> 500 connections	> 500 connections	> 1000 connections

Colored Pigtails, LC, OS1/OM2/OM3/OM4, Simplex

- Standard connector acc. IEC 61754-4 2002
- Operating temperature: -25°C ... +80°C
- Storage temperature: -20°C ... +65°C
- Insertion loss MM PC: max. 0,4dB
- Return loss MM PC: > 25dB
- Zirkonia ceramic ferrule
- Simplex OM 2 50/125µ 2m
- Secondary coating dimensions: $\varnothing 0,9 \pm 0,1\text{mm}$
- Primary coating: Acrylate; $\varnothing 250 \pm 15\mu\text{m}$
- Semi-tight buffer
- Colored buffer, according to IEC 304 in the colors white, violet, turquoise, black, red, pink, orange, gray, green, yellow, brown, blue
- 12 pcs in package



280163 / DK-25332-02
OM2 Simplex Pigtails, LC, 2m

263005 / DK-25332-02/3
OM3 Simplex Pigtails, LC, 2m

308775 / DK-25332-02-4
OM4 Simplex Pigtails, LC, 2m

280170 / DK-29332-02
OS1 Simplex Pigtails, LC, 2m

Colored Pigtails, SC, OS1/OM2/OM3/OM4, Simplex

- Standard connector acc. IEC 61754-4 2002
- Operating temperature: -25°C ... +80°C
- Storage temperature: -20°C ... +65°C
- Insertion loss MM PC: max. 0,4dB
- Return loss MM PC: > 25dB
- Zirkonia ceramic ferrule
- Simplex OM 2 50/125µ 2m
- Secondary coating dimensions: $\varnothing 0,9 \pm 0,1\text{mm}$
- Primary coating: Acrylate; $\varnothing 250 \pm 15\mu\text{m}$
- Semi-tight buffer
- Colored buffer, according to IEC 304 in the colors white, violet, turquoise, black, red, pink, orange, gray, green, yellow, brown, blue
- 12 pcs in package



261643 / DK-25221-02
OM2 Simplex Pigtails, SC, 2m

262992 / DK-25221-02/3
OM3 Simplex Pigtails, SC, 2m

308782 / DK-25221-02-4
OM4 Simplex Pigtails, SC, 2m

280187 / DK-29221-02
OS1 Simplex Pigtails, SC, 2m

Colored Pigtails, ST, OS1/OM2/OM3, Simplex

**Best performance and link quality
for your network**

- Standard connector acc. IEC 61754-4 2002
- Operating temperature: -25°C ... +80°C
- Storage temperature: -20°C ... +65°C
- Insertion loss MM PC: max. 0,4dB
- Return loss MM PC: > 25dB
- Zirkonia ceramic ferrule
- Simplex OM 2 50/125µ 2m
- Secondary coating dimensions: $\varnothing 0,9 \pm 0,1\text{mm}$
- Primary coating: Acrylate; $\varnothing 250 \pm 15\mu\text{m}$
- Semi-tight buffer
- Colored buffer, according to IEC 304 in the colors white, violet, turquoise, black, red, pink, orange, gray, green, yellow, brown, blue
- 12 pcs in package



254225 / DK-25112-02
OM2 Simplex Pigtails, ST, 2m

262985 / DK-25112-02/3
OM3 Simplex Pigtails, ST, 2m

280194 / DK-29112-02
OS1 Simplex Pigtails, ST, 2m

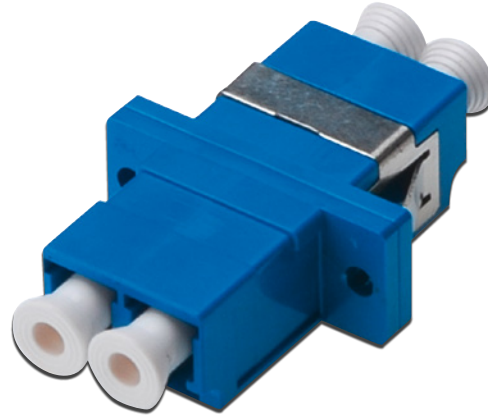
Technical Data // Fiber-Optic Couplers + Connectors

	ST DN-96001; DN-96002	ST ALWL-ST	SC DN-96004; DN-96003	SC-DP ALWL-SCD
Standards				
Connector	IEC 61754-2 1996	IEC 61754-2 1997	IEC 61754-4 2002	IEC 61754-4 2003
Mechanical Properties				
Material: connector ferrule	Zirconia ceramic	Zirconia ceramic	Zirconia ceramic	Zirconia ceramic
Material: inner adaptor sleeve	SM: Zirconia ceramic MM: Phosphor bronze		SM: Zirconia ceramic MM: Phosphor bronze	
Material: Housing Plug/Coupler	Nickel plated zinc alloy	Nickel plated zinc alloy	PBT	PBT
Material: connector body/adaptor body	flame retard, elastomer, non halogen	flame retard, elastomer, non halogen	flame retard, elastomer, non halogen	flame retard, elastomer, non halogen
Mating cycle		min. 500		min. 1000
Operating temperature	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C
Storage temperature	min: -20 °C max: +65 °C	min: -20 °C max: +65 °C	min: -20 °C max: +65 °C	min: -20 °C max: +65 °C
Optical Properties				
Insertion loss: connector	SM PC: max. 0,5dB MM PC: max. 0,4dB	MM PC: max. 0,4dB	MM PC: max. 0,4dB	MM PC: max. 0,4dB
Insertion loss: adaptor (ceramic)	SM PC: max. 0,3dB		SM PC: max. 0,3dB	
Insertion loss: adaptor (CuSn)	MM PC: max. 0,4dB		MM PC: max. 0,4dB	
Return loss	SM PC : > 35dB MM PC: > 25dB	MM PC: > 25dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB"	MM PC: > 25dB

	LC ALWL-LC1D; ALWL-LC2D	LC-DP ALWL-LCD	E2000 ALWL-E2000
Standards			
Connector	IEC 61754-20 2002	IEC 61754-20 2003	IEC 61754-15 2009
Mechanical Properties			
Material: connector ferrule	Zirconia ceramic	Zirconia ceramic	Zirconia ceramic
Material: inner adaptor sleeve	SM: Zirconia ceramic MM: Phosphor bronze		SM: Zirconia ceramic MM: Phosphor bronze
Material: Housing Plug/Coupler	PBT	PBT	PEI ULTEM
Material: connector body/adaptor body	flame retard, elastomer, non halogen	flame retard, elastomer, non halogen	flame retard, elastomer, non halogen
Mating cycle			
Operating temperature	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C	min: -25 °C max: +80 °C
Storage temperature	min: -20 °C max: +65 °C	min: -20 °C max: +65 °C	min: -20 °C max: +65 °C
Optical Properties			
Insertion loss: connector	SM PC: max. 0,5dB MM PC: max. 0,4dB	MM PC: max. 0,4dB	SM PC: max. 0,5dB MM PC: max. 0,4dB
Insertion loss: adaptor (ceramic)	SM PC: max. 0,3dB		SM PC: max. 0,3dB
Insertion loss: adaptor (CuSn)	MM PC: max. 0,4dB	MM PC: max. 0,4dB	MM PC: max. 0,4dB
Return loss	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB	MM PC: > 25dB	SM PC : > 35dB SM SPC: > 45dB SM UPC: > 50dB MM PC: > 25dB

LC / LC Coupler

- LC / LC
- Duplex
- Phosphor Bronze Ferrule
- Polymer housing



280132 / DN-96007

LC / LC Coupler, Singlemode, Ceramic Sleeve, blue

280149 / DN-96008

LC / LC Coupler, Multimode, PhSn Sleeve, grey

280156 / DN-96009

LC / LC Coupler, Multimode, PhSn Sleeve, aqua

SC / SC Coupler

- SC / SC
- Duplex
- Zirkonia ceramic ferrule
- Polymer housing
- incl. fixing material



280088 / DN-96003

SC / SC Coupler, Singlemode, Ceramic Sleeve, blue

280101 / DN-96004

SC / SC Coupler, Multimode, PhSn Sleeve, grey

267157 / DN-96005

SC / SC Coupler, Multimode, PhSn Sleeve, aqua

280118 / DN-96006

SC / SC Coupler, Multimode, PhSn sleeve, Metal Housing

308140 / DN-96013

SC / PC Duplex Coupler, Singlemode, Metal Housing

308157 / DN-96014

SC / APC Duplex Coupler, Singlemode, Metal Housing

308164 / DN-96015

SC / PC Duplex Coupler, Singlemode, Metal Housing

ST / ST Coupler

- ST / ST
- Simplex
- Zirkonia ceramic ferrule
- Metal housing
- Yellow dust protection caps

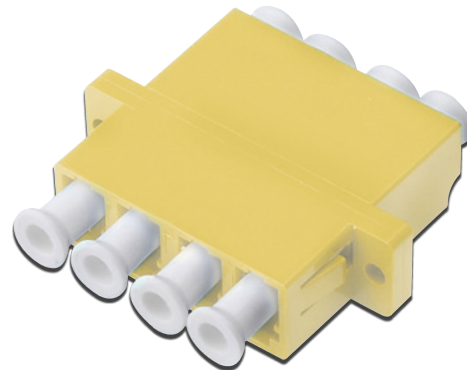


266464 / DN-96001
ST / ST Coupler, Singlemode, Ceramic Ferrule

266471 / DN-96002
ST / ST Coupler, Multimode, PhSn Ferrule

LC / LC Quad Coupler (4-port)

- LC / LC
- Quad (4-port)
- Multimode
- Plastic housing
- Bronze sleeve



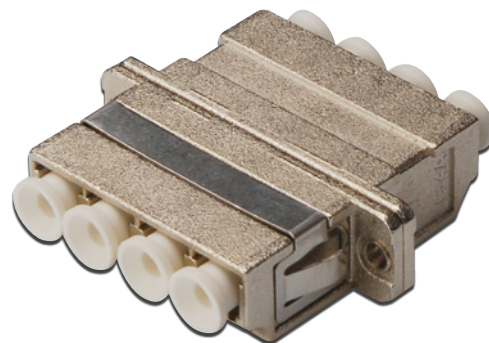
308133 / DN-96010
LC / LC Quad Coupler, beige

308119 / DN-96011
LC / LC Quad Coupler, aqua

308126 / DN-96012
LC / LC Quad Coupler, blue

LC / LC Quad Coupler (4-port)

- LC / LC
- Quad (4-port)
- Metal Housing
- Plastic housing
- Bronze sleeve

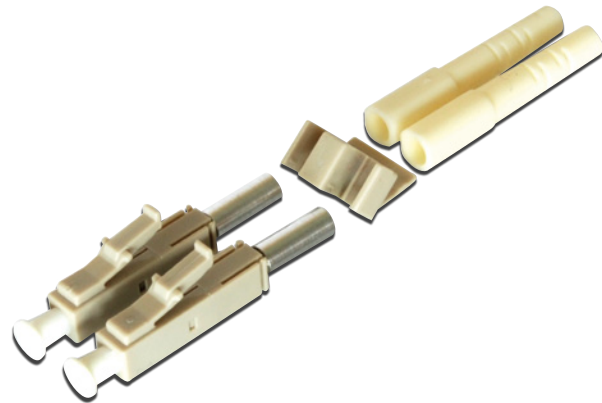


308218 / DN-96016
LC / LC Quad Coupler, Singlemode

308225 / DN-96017
LC / LC Quad Coupler, Multimode

LC Duplex Connectors

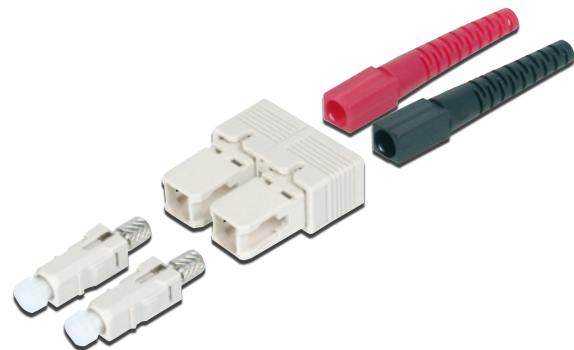
- Standard connector acc. IEC 61754-20 2002
- Operating temperature: -25°C ... +80°C
- Storage temperature: -20°C ... +65°C
- Insertion loss MM PC: max. 0,4dB
- Return loss MM PC: > 25dB
- Male, crimping sleeve and tension relief
- Polymer housing
- Clamp for LC connector
- Zirkonia ceramic ferrule



133742 / ALWL-LCD
LC Duplex Connector

SC Duplex Connectors

- Standard connector acc. IEC 61754-4 2002
- Operating temperature: -25°C ... +80°C
- Storage temperature: -20°C ... +65°C
- Insertion loss MM PC: max. 0,4dB
- Return loss MM PC: > 25dB
- Male, crimping sleeve and tension relief
- Polymer housing
- Zirkonia ceramic ferrule



007555 / ALWL-SCD
SC Multimode, Phosphor Bronze Sleeve, black/red Color Boots

179030 / ALWL-SCD-9
Singlemode, Zirconia Sleeve, blue Color Boot

ST Simplex Connectors

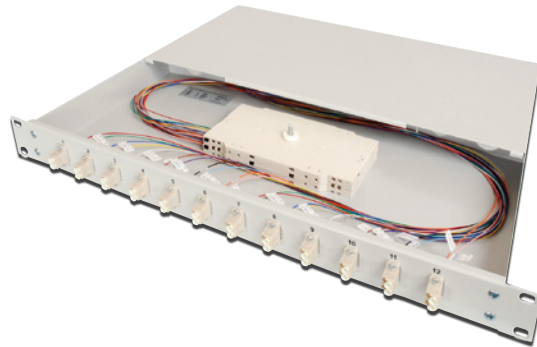
- Standard connector acc. IEC 61754-2 1996
- Operating temperature: -25°C ... +80°C
- Storage temperature: -20°C ... +65°C
- Insertion loss MM PC: max. 0,4dB
- Return loss MM PC: > 25dB
- Male, crimping sleeve and tension relief
- Metall Case
- Zirkonia ceramic ferrule
- Kink Protection Boot, black



007616 / ALWL-ST
ST Multimode Connector, Phosphor Bronze, Black Boot

Fiber Optic Splice Box, Equipped

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with phosphor bronze sleeve
- Adapters in polymer housing
- Carrier housing made of 1.5mm sheet steel, varnished
- 1 unit (44.45mm)
- 483mm width (19")
- 280mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



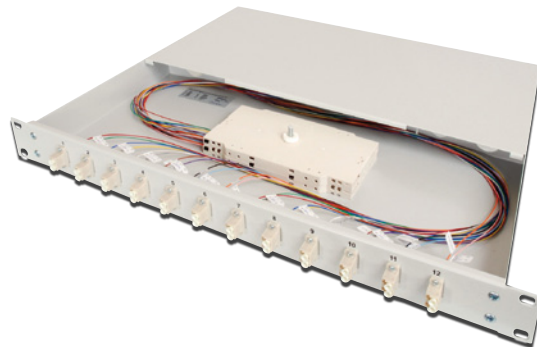
278405 / DN-96330
6x LC Duplex, Multimode, OM2

278436 / DN-96331
12x LC Duplex, Multimode, OM2

278467 / DN-96332
24x LC Duplex, Multimode, OM2

Fiber Optic Splice Box, Equipped

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with phosphor bronze sleeve
- Adapters in polymer housing
- Carrier housing made of 1.5mm sheet steel, varnished
- 1 unit (44.45mm)
- 483mm width (19")
- 280mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



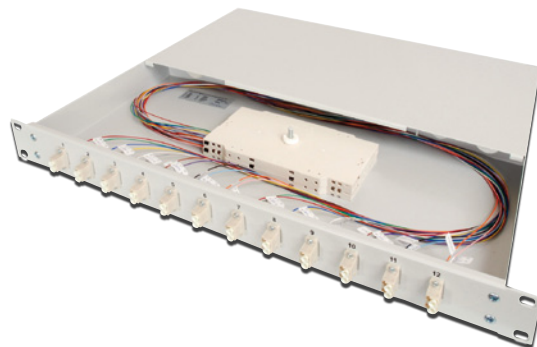
278412 / DN-96330/3
6x LC Duplex, Multimode, OM3

278443 / DN-96331/3
12x LC Duplex, Multimode, OM3

278474 / DN-96332/3
24x LC Duplex, Multimode, OM3

Fiber Optic Splice Box, Equipped

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with ceramic sleeve
- Adapters in polymer housing
- Carrier housing made of 1.5mm sheet steel, varnished
- 1 unit (44.45mm)
- 483mm width (19")
- 280mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



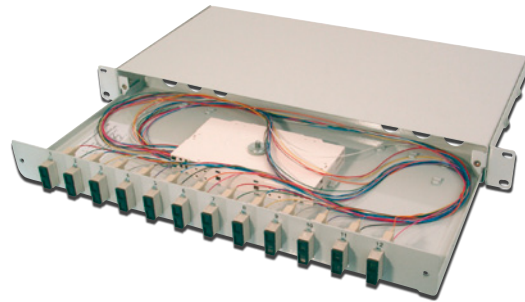
278429 / DN-96330/9
6x LC Duplex, Singlemode, OS1

278450 / DN-96331/9
12x LC Duplex, Singlemode, OS1

278481 / DN-96332/9
24x LC Duplex, Singlemode, OS1

Fiber Optic Splice Box, Equipped

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with phosphor bronze sleeve
- Adapters in polymer housing
- Carrier housing made of 1.5mm sheet steel, varnished
- 1 unit (44.45mm)
- 483mm width (19")
- 280mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



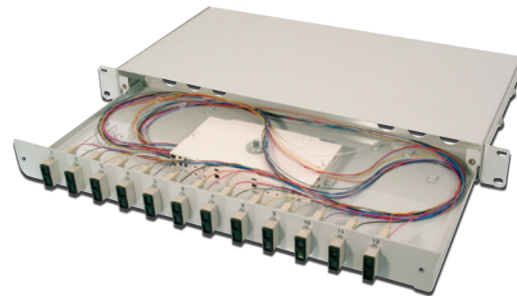
278313 / DN-96320
6x SC Duplex, Multimode, OM2

278344 / DN-96321
12x SC Duplex, Multimode, OM2

278375 / DN-96322
24x SC Duplex, Multimode, OM2

Fiber Optic Splice Box, Equipped

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with phosphor bronze sleeve
- Adapters in polymer housing
- Carrier housing made of 1.5mm sheet steel, varnished
- 1 unit (44.45mm)
- 483mm width (19")
- 280mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



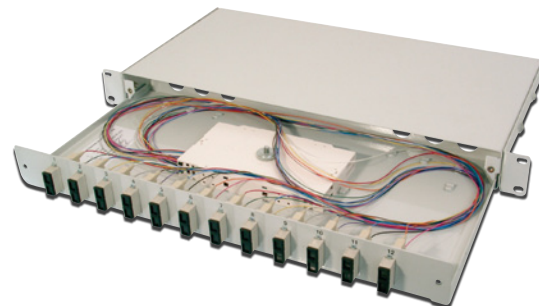
278320 / DN-96320/3
6x SC Duplex, Multimode, OM3

278351 / DN-96321/3
12x SC Duplex, Multimode, OM3

278382 / DN-96322/3
24x SC Duplex, Multimode, OM3

Fiber Optic Splice Box, Equipped

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with ceramic sleeve
- Adapters in polymer housing
- Carrier housing made of 1.5mm sheet steel, varnished
- 1 unit (44.45mm)
- 483mm width (19")
- 280mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



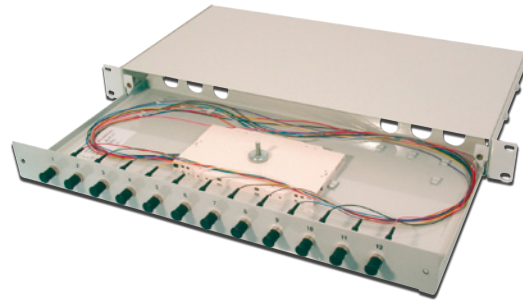
278337 / DN-96320/9
6x SC Duplex, Singlemode, OS1

278368 / DN-96321/9
12x SC Duplex, Singlemode, OS1

278399 / DN-96322/9
24x SC Duplex, Singlemode, OS1

Fiber Optic Splice Box, Equipped

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with phosphor bronze sleeve
- Adapters in metal housing
- Carrier housing made of 1.5mm sheet steel, varnished
- 1 unit (44.45mm)
- 483mm width (19")
- 280mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding

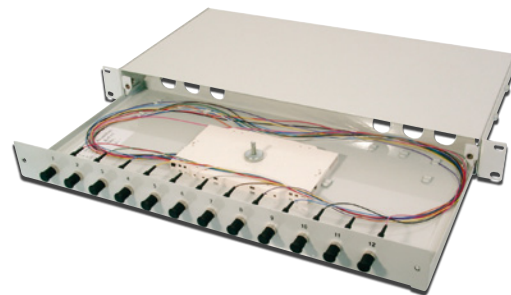


278245 / DN-96310
12x ST Simplex, Multimode, OM2

278269 / DN-96311
24x ST Simplex, Multimode, OM2

Fiber Optic Splice Box, Equipped

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with phosphor bronze sleeve
- Adapters in metal housing
- Carrier housing made of 1.5mm sheet steel, varnished
- 1 unit (44.45mm)
- 483mm width (19")
- 280mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding

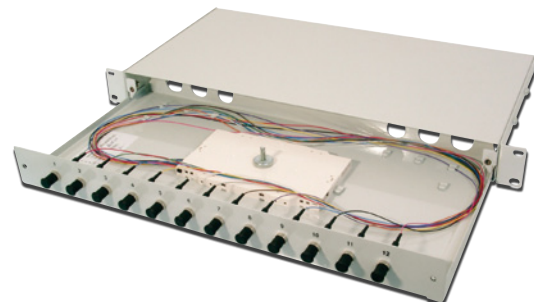


278283 / DN-96310/3
12x ST Simplex, Multimode, OM3

278276 / DN-96311/3
24x ST Simplex, Multimode, OM3

Fiber Optic Splice Box, Equipped

- Completely prefabricated, fiber pigtails exposed and inserted into the splice cassette(s)
- Colored pigtails
- Couplers with ceramic sleeve
- Adapters in metal housing
- Carrier housing made of 1.5mm sheet steel, varnished
- 1 unit (44.45mm)
- 483mm width (19")
- 280mm depth
- PG 16 screws, cassette and cassette cover, splice holder and strain relief included
- Sliding



278290 / DN-96310/9
12x ST Simplex, Singlemode, OS1

278306 / DN-96311/9
24x ST Simplex, Singlemode, OS1

New modular Fiber-Optic Splice Box Series

- Unassembled, without front panel
- Carrier housing made of 1.5mm sheet steel, varnished
- Color: gray (RAL 7035)
- Holder for splice cassettes
- Punched out ground to fix pigtails
- 4 PG entries and 2 cable entries
- PG 16 screws and mounting material included in delivery



Basic housing	Front Panel
DN-96200	DN-96201 (12 SC Duplex)
	DN-96202 (24 SC Duplex)
	DN-96204 (12 ST)
	DN-96205 (24 ST)
	DN-96206 (12 SC Simplex)
	DN-96207 (24 SC Simplex)



276647 / DN-96200
Splice Box Housing



276654 / DN-96201
Front Panel 12 x SC Duplex



276661 / DN-96202
Front Panel 24 x SC Duplex



276708 / DN-96204
Front Panel 12 x ST



276715 / DN-96205
Front Panel 24 x ST



276722 / DN-96206
Front Panel 12 x SC Simplex



276739 / DN-96207
Front Panel 24 x SC Simplex

Splice Cassette for 12 Fibers



Different cable entries allow an optimal core connection.

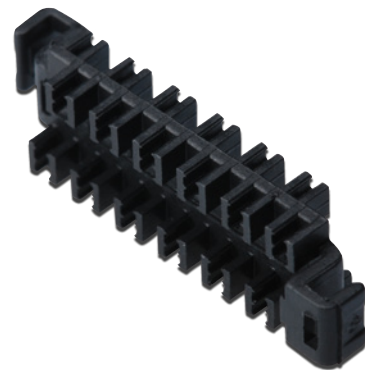
- Suitable for up to 12 fiber cores
- Inclusive cover and splice comb
- Splice holder for 12 x Crimp splice protector



285298 / DN-96103
Splice Cassette for 12 Fibers

266501 / DN-96101
2 x 6C Splice Comp for Shrinkable Tubings

Strain Relief for Optical Fibers



Suitable for 12 fibers in splice cassette



279440 / DN-96102
Strain Relief for Optical Fibers

Crimp Splice Protection



Sandwich splice protection for fiber core.

- Dimensions: 1.2x3.2x30mm



007364 / AL-SK3
Crimp Splice Protection, Set 12 pcs.

Fiber Blind Plate



- Used in termination boxes to cover ports not used
- Avoids dust and dirt in termination boxes
- Shipment: 100 pcs. per poly bag
- Material: plastic, black



262848 / AL-BP-ST
ST Simplex Blind Plate

Fiber Blind Plate



- Used in termination boxes to cover ports not used
- Avoids dust and dirt in termination boxes
- Shipment: 100 pcs. per poly bag
- Material: plastic, black



262862 / AL-BP-SCD
SC Duplex Blind Plate

Fiber Optic ST/UPC Singlemode Attenuator



Excellent optical performance. Backward compatible with existing transmission equipment.

- Excellent optical performance
- Attenuation level: 1 dB
- Low reflection to meet stringent transmission equipment
- Backward compatible with existing transmission equipment
- Other attenuations up to 20 dB only on request



302315 / ALWL-ST-UPC-S-1
Fiber Optic ST/UPC Singlemode Attenuator

306030 / ALWL-ST-UPC-M-1
Fiber Optic ST/UPC Multimode Attenuator

302339 / ALWL-ST-APC-S-1
Fiber Optic ST/APC Singlemode Attenuator

306047 / ALWL-ST-APC-M-1
Fiber Optic ST/APC Multimode Attenuator

Fiber optic FC/UPC Singlemode Attenuator



Excellent optical performance. Backward compatible with existing transmission equipment.

- Excellent optical performance
- Attenuation level: 1 dB
- Low reflection to meet stringent transmission equipment
- Backward compatible with existing transmission equipment
- Other attenuations up to 20 dB only on request



302346 / ALWL-FC-UPC-S-1
Fiber Optic FC/UPC Singlemode Attenuator

306061 / ALWL-FC-UPC-M-1
Fiber Optic FC/UPC Multimode Attenuator

302353 / ALWL-FC-APC-S-1
Fiber Optic FC/APC Singlemode Attenuator

306078 / ALWL-FC-APC-M-1
Fiber Optic SC/APC Multimode Attenuator

Fiber optic SC/UPC Singlemode Attenuator



Excellent optical performance. Backward compatible with existing transmission equipment.

- Excellent optical performance
- Attenuation level: 1 dB
- Low reflection to meet stringent transmission equipment
- Backward compatible with existing transmission equipment
- Other attenuations up to 20 dB only on request



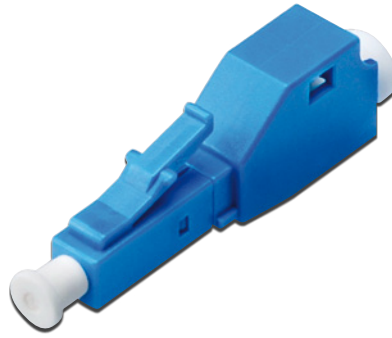
302360 / ALWL-SC-UPC-S-1
Fiber Optic SC/UPC Singlemode Attenuator

306092 / ALWL-SC-UPC-M-1
Fiber Optic SC/UPC Multimode Attenuator

302377 / ALWL-SC-APC-S-1
Fiber Optic SC/APC Singlemode Attenuator

306108 / ALWL-SC-APC-M-1
Fiber Optic SC/APC Multimode Attenuator

Fiber optic LC/UPC Singlemode Attenuator



Excellent optical performance. Backward compatible with existing transmission equipment.

- Excellent optical performance
- Attenuation level: 1 dB
- Low reflection to meet stringent transmission equipment
- Backward compatible with existing transmission equipment
- Other attenuations up to 20 dB only on request



302384 / ALWL-LC-UPC-S-1
Fiber Optic LC/UPC Singlemode Attenuator

306115 / ALWL-LC-UPC-M-1
Fiber Optic LC/UPC Multimode Attenuator

302391 / ALWL-LC-APC-S-1
Fiber Optic LC/APC Singlemode Attenuator

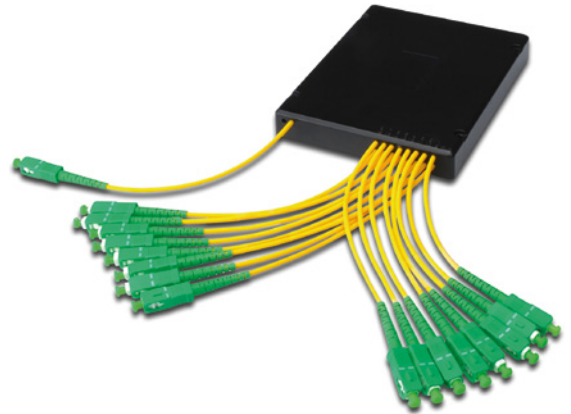
306122 / ALWL-LC-APC-M-1
Fiber Optic LC/APC Multimode Attenuator

Fiber Optic SC Splitter with 8° APC

The (PLC) splitter is a compact device for high demand in the network area. His features, and the contained performances, make this device to an reliable and indispensable aide in the IT business.

Planar lightwave circuit (PLC) splitter is a type of optical power management device that is fabricated using silica optical waveguide technology. It features small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity, and is widely used in PON networks to realize optical signal power splitting. All products meet GR-1209-CORE and GR-1221-CORE requirements.

- Low Insertion loss
- Low PDL
- Good channel-to-channel uniformity
- Compact Design
- Wide Operating Wavelength: From 1260nm to 1650nm
- Wide Operating Temperature: From -40°C to 85°C
- High Reliability and Stability
- Applications: FTTX Systems, PON Networks, CATV Links, Optical Signal Distribution
- Compliance: Telcordia GR-1209-CORE, Telcordia GR-1221-CORE, RoHS



302438 / ALWL-SC-APC-1X16

Fiber Optic SC Splitter with 8° APC

302414 / ALWL-FC-2X16

Fiber Optic FC Splitter, 2 x FC + 16 x FC

302407 / ALWL-SC-APC-2X16

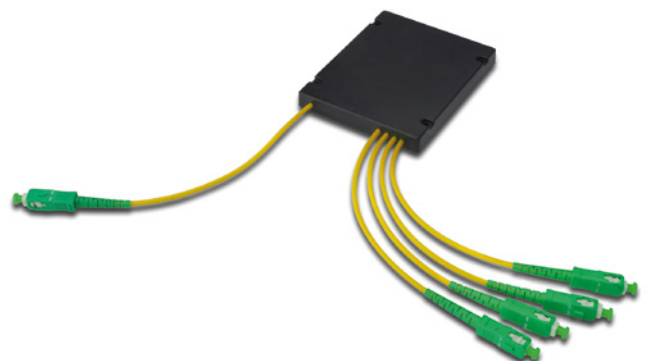
Fiber Optic SC Splitter with 8° angled polish, 2 x SC (APC) + 16 x SC (APC)

Fiber Optic SC Splitter

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302421 / ALWL-SC-1X4

Fiber Optic SC Splitter, 1 x SC + 4 x SC

302445 / ALWL-SC-1X8

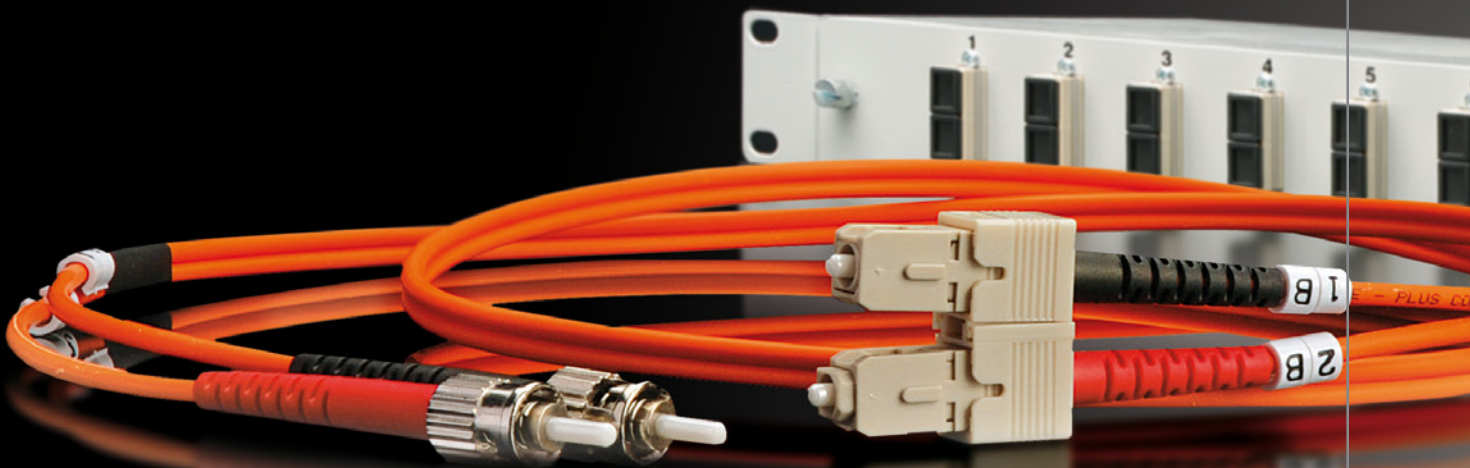
Fiber Optic SC Splitter, 1 x SC + 8 x SC

302452 / ALWL-SC-1X3

Fiber Optic SC Splitter, 1 x SC + 3 x SC

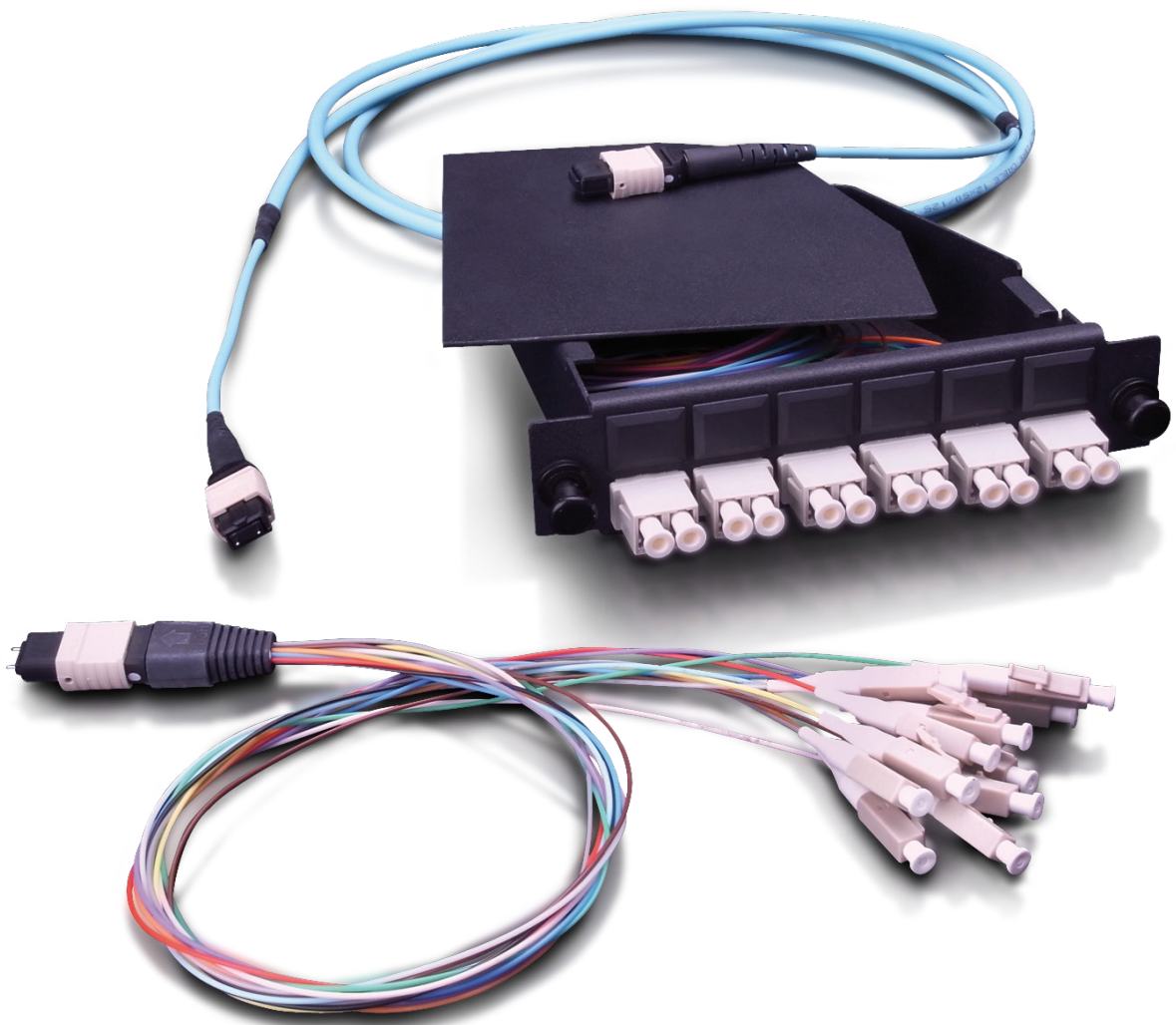
DIGITUS® Professional offers tailor-made system solutions in the area of fibre-optic technology, with top quality which satisfies even the most complex requirements.

The available range covers all necessary areas for the successful development of an infrastructure: splice boxes, patch cables, laying cables, adapters, pigtails, breakout cables and accessory components.



Professional

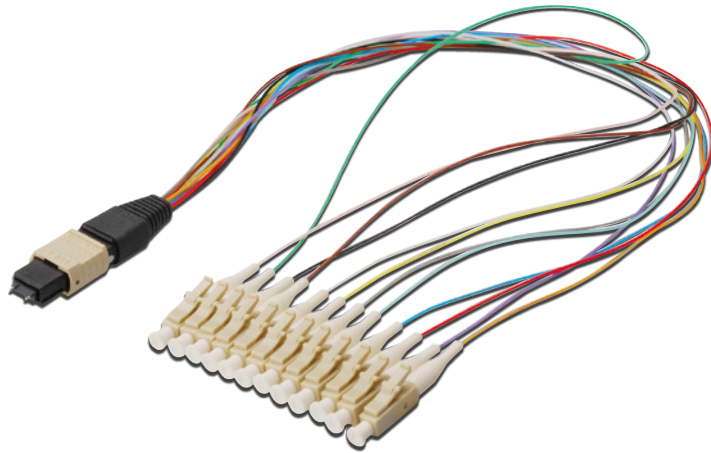
www.digitus-professional.com



MTP®/MPO-SC Fan-Out Cable, 0.9mm, OM4

Best performance and link quality
for your network

- Plug: MPO/PC - SC/PC/MM/0.9
- Cable typ: Trunk-Kabel/OM4/LS2H
- IL: MPO: 0.5 < dB/SC: < 0.3 dB
- color: multi-coloured



307679 / DK-25621-02-4
MTP/MPO - 12 SC Fan-Out Cable, OM4, 2m

307747 / DK-25621-05-4
MTP/MPO - 12 SC Fan-Out Cable, OM4, 5m

307761 / DK-25621-10-4
MTP/MPO - 12 SC Fan-Out Cable, OM4, 10m

307778 / DK-25631-02-4
MTP/MPO - 12 LC Fan-Out Cable, OM4, 2m

307785 / DK-25631-05-4
MTP/MPO - 12 LC Fan-Out Cable, OM4, 5m

307822 / DK-25631-10-4
MTP/MPO - 12 LC Fan-Out Cable, OM4, 10m

MTP® Trunk Cable

Best performance and link quality
for your network

- Plug: MTP/MTP/APC/SM
- Cable typ: Trunk-Kabel/24C SM/OM4/Fiber 9/125
- IL: MPO: 0.5 < dB
- color: aqua



308010 / DK-25662-10-4
Trunk Cable, Female, Aqua, OM4, 10m

307853 / DK-25662-15-4
Trunk Cable, Female, Aqua, OM4, 15m

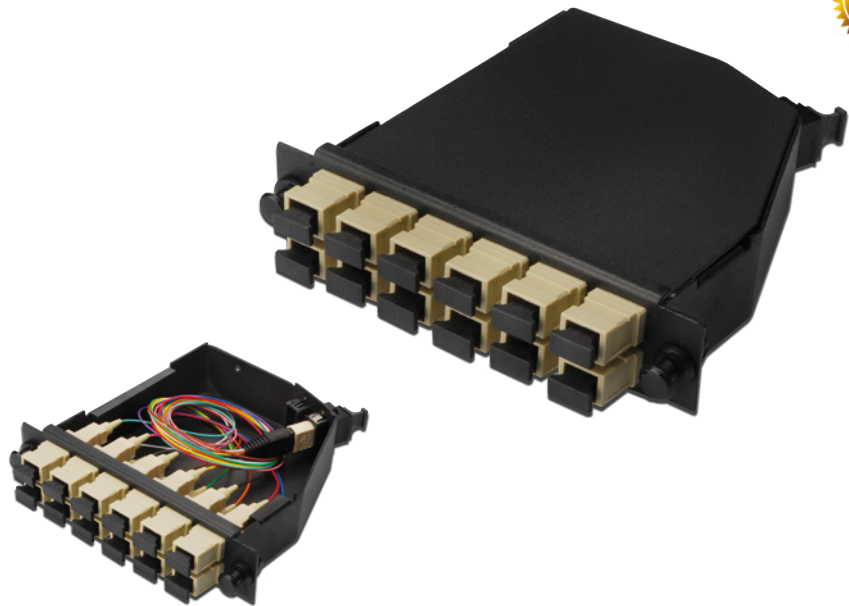
307860 / DK-25662-20-4
Trunk Cable, Female, Aqua, OM4, 20m

307877 / DK-25662-25-4
Trunk Cable, Female, Aqua, OM4, 25m

MTP®/MPO-Cassette OM4

Light weight, small size and easy installation

- Housing of sheet steel
- Equipped with Fan-out cable OM4
- 1x12xSC, 6xSC Duplex
- Color: black



307648 / DN-96312-12
1x12xSC, 6xSC Duplex

307655 / DN-96313-12
1x12xLC, 6xLC Duplex

307662 / DN-96313-24
2x12xLC, 6xLC Quad

3X MTP®/MPO Frontplate for Fiber Optic Splice Box

Sliding Distribution box for 3 cassettes

- 19" housing
- Extensible
- Unassembled
- For 3x MTP/MPO cassettes
- Easy installation
- Color: Black RAL 9005



307556 / DN-96211
Distribution Box for 3xMTP/MPO Cassettes

ASSMANN



THE WORLD OF CABLES

2012 //

The whole World
of Cables:
www.assmann.com



delivery of stock
goods in 24 hours



certified quality



9 own branches
worldwide - global
sourcing
- local serving



all services are
online available



since 42 years
original ASSMANN
quality



complete assortment
and strong brands

Fiber Optic FTTH Termination Boxes



Fiber Optic Termination Box

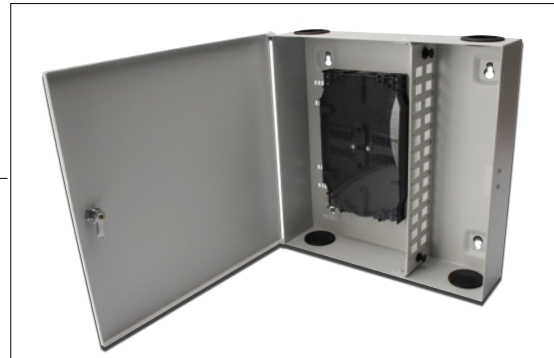
Fiber Optic Wallmounted Splice Boxes offers an intelligent Solution in the Fiber Optic calling area.

The robust housing made of sheet steel and numerous practical holes for the pigtails are just some of many arguments why do you have the ideal assistant for the Fiber Optic area with this splice box.



Carrier housing made of 1,5mm sheet steel

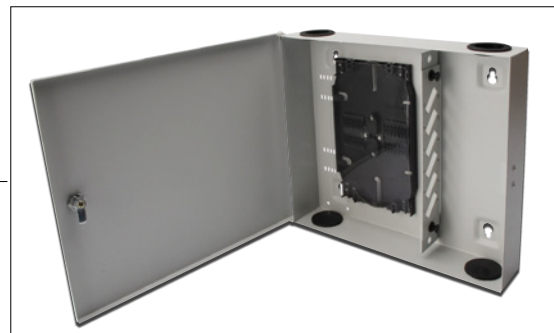
- Grey color RAL 7035
- Holder for splice box
- Punched out ground to fix pigtails
- PG 16 screws and mounting material included in delivery
- Lockable front door



308683 / AL-19AZ-W-24FC
For 24x FC or SC, 1x Splice Cassette Included



262619 / AL-19AZ-W-12SCD
For 12x SC Duplex, 2x Splice Cassette Included



308676 / AL-19AZ-W-6SCD
For 6x SC Duplex, 1x Splice Cassette Included

Outdoor FTTH Box, 8 Cores

- Outdoor FTTH Box, 8 Cores
- Wall and pole mountable, Waterproof: IP65
- Dimension: 207x181x45mm



308690 / ALWL-3066
Outdoor FTTH Box, 8 Cores

Outdoor FTTH Box, 16 Cores

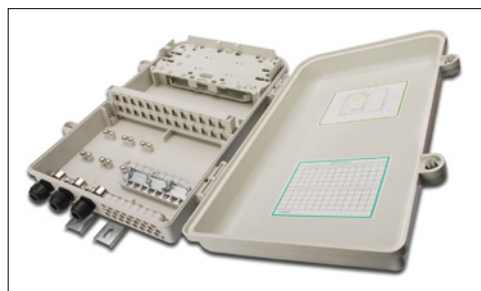
- Outdoor FTTH Box, 16 Cores
- Wall and pole mountable, Waterproof: IP65
- Dimension: 300x220x80mm



308706 / ALWL-3067
Outdoor FTTH Box, 16 Cores

Outdoor FTTH Box, 24 Cores

- Outdoor FTTH Box, 24 Cores
- Wall and pole mountable, Waterproof: IP65



308713 / ALWL-3077
Outdoor FTTH Box, 24 Cores

FTTH Termination Box



Light weight, small size, easy installation. Applications: FTTX Systems, PON Networks, CATV Links, Optical Signal Distribution

- Usable inside and outside of buildings
- Suitable for SC, FC or ST, LC Duplex couplers
- Suitable for mechanical splice type e.g. ALWL-SPM-21-1
- Simple open and close by snap-in technology
- For wall mounting or several applications usable



302254 / ALWL-SC2AP
FTTH Termination Box

Mechanical Splice for Optical Fiber 250µm until 900µm



Reduce your costs - Assembly time less than 45sec after preparing fiber ends.

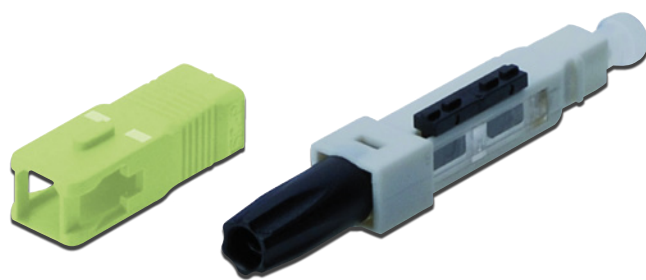
- Usable for 125µm fiber with outer diameter cladding 900/900µm and 250/900µm
- Transparent body for immediate connection confirmation
- Applicable for Optical Fiber Cable Joint and FTTH Drop Cable
- Usable inside and outside of buildings



301257 / ALWL-SPM-21-1
Mechanical Splice - 900/900;250/900µm

301264 / ALWL-SPM-31-1
Mechanical Splice - 900/900µm, 250/900µm, 250/250µm

SC Pre-Polished Fiber Optic Connectors MM 50µm



Reduce your costs - Assembly time less than 45sec after preparing fiber ends.

- Zirkonia ceramic ferrule
- Diameter tight buffer: 900µm
- Diameter cable jacket: 2,0mm / 3,0mm and 250µ on request
- Insertion loss: ~ 0,1db
- Return loss: ~ ≥ 50db
- Assembly time: ≤ 45sec
- Tension force tight buffer: 4,9N (900µm)
- Tension force jacket cable: 58N (3,0mm)



301240 / ALWL-SCOPTOFAST-M50
900µm pr-epolished SC FO-Connector MM Beige

301233 / ALWL-SCOPTOFAST-M62
900µm pr-epolished SC FO-Connector MM Beige

Splice Holder



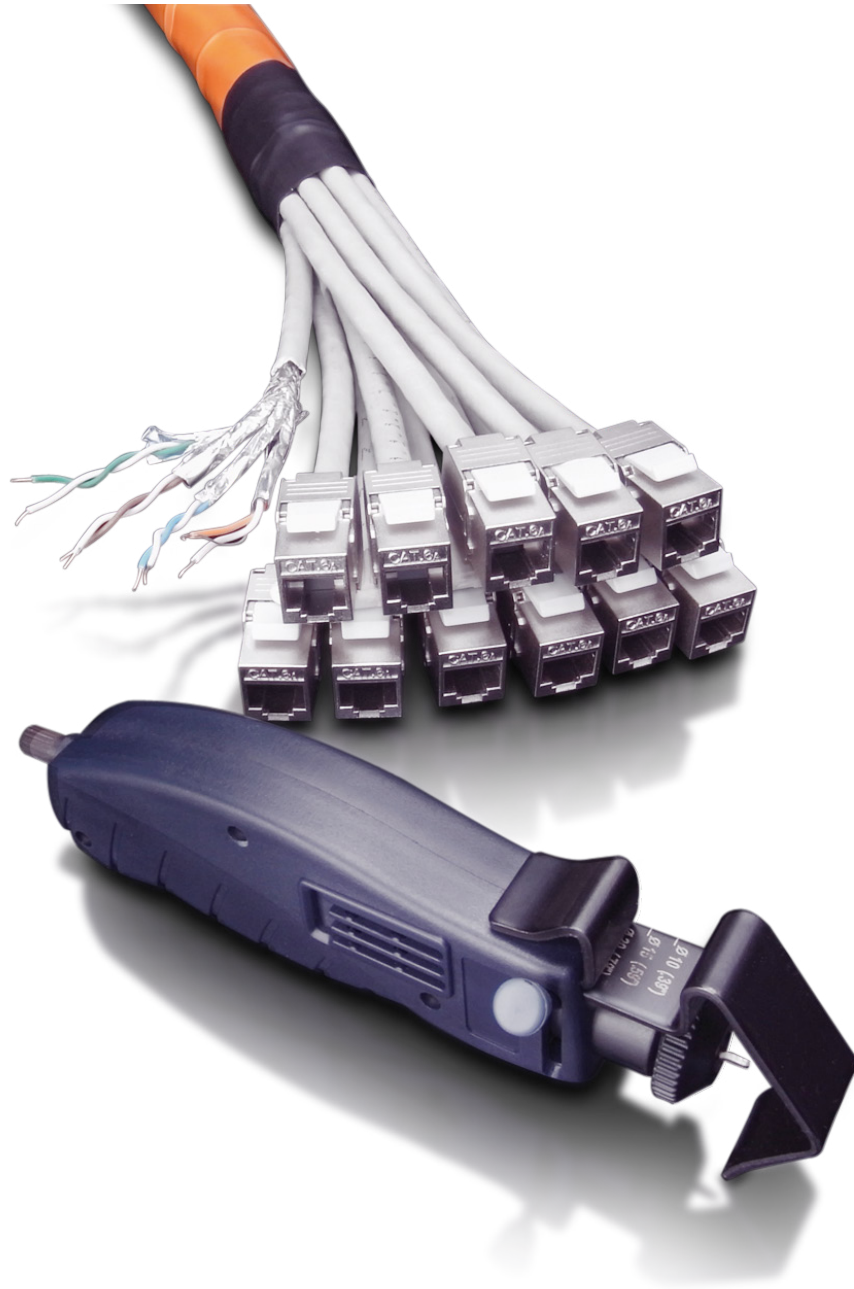
Special Splice Holder for mechanical splice

- for 6 mechanical splices
- for ALWL-SPM-21 and ALWL-SPM-31
- for mounting in ALWL-SC2AP



305866 / ALWL-SHM-06
for ALWL-SPM-21 and ALWL-SPM-31

Cable Pre-Assembled // Glass & Copper



Multipair Trunk Cable S-FTP Cat 7 AWG 23

Pre-assembled Trunk Cable, Rapid mounting by Plug and Play installation, High bandwidth



Trunk Cable for Local Area Networks, Indoor Backbone, Indoor use, fixed installations, High bandwidth digital applications with low BER, High data rates The cable contains twelve 1000 MHz S/FTP internal jacketed cables, cabled together with filler elements, separation tape, and overall FR-LSOH jacket for indoor use, fixed installation. Each internal cable contains 4 individually foil-shielded twisted pairs, cabled together, overall braid shielded and jacketed with FR-LSOH compound jacket. All cables are numbered for ease of identification. This multi-cable structure design is optimal for Cat. 7 A relevant characteristics and applications for interconnection of communication cabinets in data-centers and alike.

- Conductor Material: Bare Copper
- Conductor Size: 23 AWG
- Conductor Construction: Solid
- Insulation Material: PO
- Insulation O.D.: 1.34 mm nom.
- Color code: Per TIA/EIA 568-B
- Ind. Shield Material: Aluminum/Polyester Foil
- Overall Braid Shield: Yes
- Overall Braid Material: Tinned Copper
- Braid Coverage: 35% nom.
- Inner Jacket Material: FR-LSOH
- Inner Jacket Diameter: 7.1 mm
- Inner Jacket Color: Light Gray
- Total number of wires: 96
- Frequency Range: 1 - 1000 MHz
- Impedance: 100 Ω
- Coupling Attenuation: Type I
- Max. DC Resistance : 93 Ω /km@20°C
- Max. Resistance Unbalance: 2%
- Capacitance Unbalance: 1.2 pF/m max.
- Velocity of Propagation: 78% nom.
- Propagation Delay Skew: 20 ns/100m max.
- Dielectric Strength: 700 V/minute
- Dielectric Strength to Shield: 700 V/minute
- Min. Insulation Resistance : 5 G Ω •km
- Max. Tensile Strength - Short Term: 400 N
- Min. Bend Radius: 400 mm
- Max. Operating Temperature: +60 °C
- Min. Operating Temperature: -40 °C



- 303343 / DK-1741-12-050**
Multipair Trunk Cable, Cat 7, 24 x Digitus Cat 7 Modul, 5m
- 303350 / DK-1741-12-060**
Multipair Trunk Cable, Cat 7, 24 x Digitus Cat 7 Modul, 6m
- 303367 / DK-1741-12-070**
Multipair Trunk Cable, Cat 7, 24 x Digitus Cat 7 Modul, 7m
- 303374 / DK-1741-12-080**
Multipair Trunk Cable, Cat 7, 24 x Digitus Cat 7 Modul, 8m
- 303381 / DK-1741-12-090**
Multipair Trunk Cable, Cat 7, 24 x Digitus Cat 7 Modul, 9m
- 303398 / DK-1741-12-100**
Multipair Trunk Cable, Cat 7, 24 x Digitus Cat 7 Modul, 10m
- 303404 / DK-1741-12-110**
Multipair Trunk Cable, Cat 7, 24 x Digitus Cat 7 Modul, 11m
- 303411 / DK-1741-12-120**
Multipair Trunk Cable, Cat 7, 24 x Digitus Cat 7 Modul, 12m
- 303428 / DK-1741-12-140**
Multipair Trunk Cable, Cat 7, 24 x Digitus Cat 7 Modul, 14m
- 303435 / DK-1741-12-150**
Multipair Trunk Cable, Cat 7, 24 x Digitus Cat 7 Modul, 15m

Multipair Trunk Cable S-FTP Cat 7 AWG 23



Trunk Cable for Local Area Networks, Indoor Backbone, Indoor use, fixed installations, High bandwidth digital applications with low BER, High data rates The cable contains twelve 1000 MHz S/FTP internal jacketed cables, cabled together with filler elements, separation tape, and overall FR-LSOH jacket for indoor use, fixed installation. Each internal cable contains 4 individually foil-shielded twisted pairs, cabled together, overall braid shielded and jacketed with FR-LSOH compound jacket. All cables are numbered for ease of identification. This multi-cable structure design is optimal for Cat. 7 A relevant characteristics and applications for interconnection of communication cabinets in data-centers and alike.

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- Inner Jacket Color: Light Gray
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- Impedance: 100 Ω
- Coupling Attenuation: Type I
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- Max. Resistance Unbalance: 2%
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- Dielectric Strength: 700 V/minute
- Dielectric Strength to Shield: 700 V/minute
- Min. Insulation Resistance : 5 G Ω •km
- Max. Tensile Strength - Short Term: 400 N
- Min. Bend Radius: 400 mm
- Max. Operating Temperature: +60 °C
- Min. Operating Temperature: -40 °C



Fiber Optic - connection elements Multipatchcords



Multipatchcords Mobile M(M)

Family of Mobile Multipatchcords M(M) dedicated for outdoor application and intended for repeated use. Solution enable preconnectorisation of particular cables up to 24 fibers, which are resistant to temporary use in a field. Connectors and fibers can be protected with additional reusable coating when cable unreeling.

There is a possibility to prepare connection field on the drum to which we can directly plug transmitter. Wide variety of types, size and drums capacity creates flexibility of this solution.

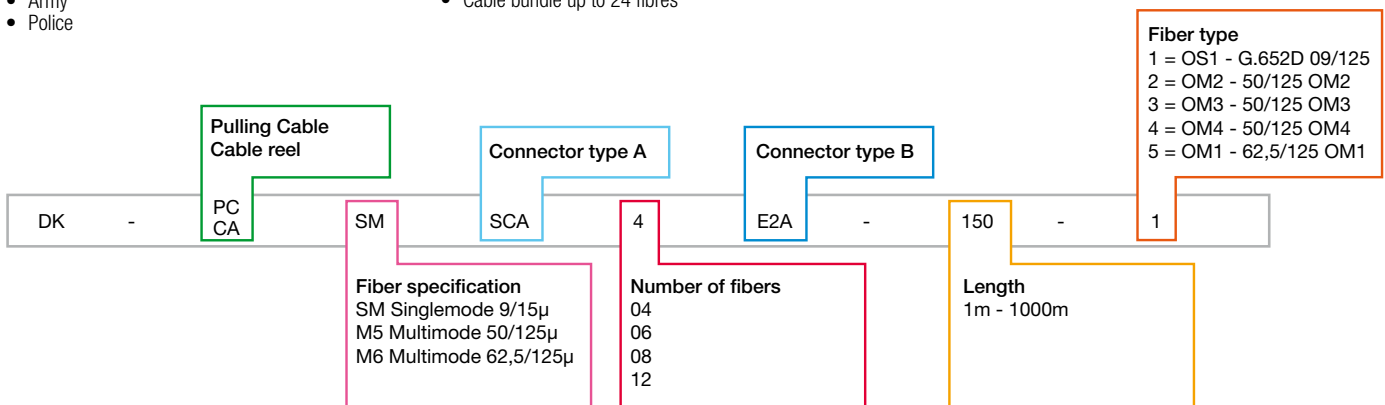


Application:

- Temporary monitoring
- Mass events media broadcast
- Temporary data transmission
- Television
- Army
- Police

Characteristics:

- Tough and durable drums construction
- High capacity
- Possibility to provide together with connection field
- Connectorised solution „plug an play“
- Cable bundle up to 24 fibres*



Available connectors and their reference abbreviations:

Name:	SC/UPC	FC/UPC	LC/UPC	SC/APC 8°	E2000/UPC	E2000/APC 8°	FC/APC 8°	LC/APC 8°	ST/UPC	DIN/UPC
Skrót:	SC	FC	LC	SCA	E20	E2A	FCA	LCA	ST	DIN

Tools and Tester 193 – 202

Tools 194
Cable Testers 198
Network Testers 199



Round Cable Stripper



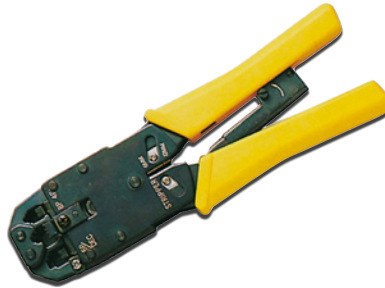
Fiber Optic cables - excellent tool for precise jacket stripping of fiber optic cables

- Useable for smaller diameter cables: 0.178 to 1.14 inches (4,5 - 29 mm)
- Adjustable cutting depth
- Blade swivels for longitudinal / spiral cut
- Long life blade design
- Spring-loaded cable bar firmly secures cable to the blade for controlled cutting action
- Length 138 mm
- Weight 100 Weight_gram



308430 / ASK-TW-3250
Round Cable Stripper

Multi Modular Crimping Tool, Solid Metal



Multi crimping tool inclusive cable cutter and insulation stripper

- Crimps 8P8C-RJ45; 6P6C-RJ12; 6P4C-RJ11; 4P4C; 4P2C; & 6P6C-DEC; and shielded 8P8C-RJ45, modular plugs



261681 / DN-94004
Multi Modular Crimping Tool, Solid Metal

Modular Crimping Tool



Installation tool for modular plugs and for stripping insulation and cutting the cable

- Suitable for 8P8C plugs



261698 / DN-94005
Modular Crimping Tool

129561 / A-SK 312I
Modular Crimping Tool for 8P8C

Premium Modular Crimping Tool



Installation tool for modular plugs and for stripping insulation and cutting the cable

- Robust metal design
- Suitable for 6P4C and 8P8C plugs



261711 / DN-94007
Premium Modular Crimping Tool

Crimping Tool for Coaxial Plugs



For BNC, TNC, UHF, N, Twinax contacts, RG58, RG59, RG62, etc

- Diameter: Inner wire 0.3-0.7mm / outer 5-5.15mm



261742 / DN-94009
Crimping Tool for Coaxial Plugs

Stripping Tool for Data Cable



For removing the sheaths from UTP / STP data cables with a diameter of 5-15mm

- With opening spring and locking slider



261667 / DN-94001
Stripping Tool for Data Cable

Fiber Optic Cleaver



Small, lightweight and easy to use

Designed for fiber cleaving applications for fiber connectors and mechanical splices as well as laboratory applications.

- Equipped with a standard carbide cleaving blade – capable of over 6.000 consistent cleaves
- Designed for single mode and multimode fiber with Ø diameter of 125 micron with no additional tool adjustments
- Dimension: 130 x 20 x 50 mm
- Weight: 60g



291633 / ASK-DJE22072
Fiber Optic Cleaver

Kevlar Cutter of Fiber Optic Cable



Oversized and ergonomic molded handles for operator comfort

Blades are hardened stainless steel with a fine serration on one blade.

- Length: 145mm
- Weight: 70g



291619 / ASK-HT-C151
Kevlar Cutter of Fiber Optic Cable

„Three times“ Fiber Optic Stripper



Save your time and money

Supported all common fiber stripping functions in one innovative tool.

- First hole for stripping outer 3mm fiber jacket
- Second hole for removal 900 micron tight buffer to 250 micron buffer coating
- Third hole for removal 250 micron coating to 125 micron coating
- Length: 160 mm
- Weight: 140 g



291626 / ASK-HT-S144H
„Three times“ Fiber Optic Stripper

Visual Fault Locator



Whether installing or troubleshooting, the Fault Locator AFOT is an essential tool that quickly and easily locates problem areas in fiber cables. The AFOT is also used for continuity tests and fiber identification.

- Pocket size with rubbered body for field use
- Connector Interface: Universal 2,5mm (included) - Universal 1,25mm adapter (sold separately)
- Visible wavelength: 650nm ± 10nm at 25°C
- Laser Class: 2M
- Operating distance: 3km
- Output Power: > 0.5 mW at 25 into 9 µ fiber
- Continuous and Flashing mode
- Battery Type: 2 x 1,5 AAA
- Storage temperature: 0°C ... +70°C
- Operating Temperature: 0 ... 50°C
- LED indicator: GREEN Light - Power ON; RED Light - Battery LOW



294108 / AFOT-ITP-04
Visual Fault Locator

Network Tool Kit



Crimping tool for coax and fiber optic connectors with various batches

- Stripping tool for coaxial cable
- Cable Cutter
- Four different crimp batches
- Batch 1 crimps: RG 6, 59, 62, 140, 210, Belden 8279, 55, 58, 141, 142, 223, 400 and fiber optic, diameter from 0.068mm to 8.1mm
- Batch 2 crimps: RG 59, 62, 8x, 140, 210, Belden 8279, 55, 58, 141, 142, 174, 223, RG 303, 400 and fiber optic, diameter from 0.043 to 6.48mm
- Batch 3 crimps RG 122, 174, 179, 180, 187, 188, 195, fiber optic 178, 316, Belden 8218, diameter from 0.042mm to 4.52mm
- Batch 4 crimps RG 8, 9, 11, 87a, 149, 165, 213, 214, 216, 225, 393, 174, 179, 187, 188, 316 and Belden 9913, diameter from 0.1mm to 10.9mm
- Screw driver for changing the crimp batches, all together in a practical plastic case



254591 / DN-94011
Network Tool Kit, Arranged in Plastic Case

Fiber Optic Cable Assembly Kit



Complete equipped - High-quality tools

The tool kit consists of the following tools:

- 3-hole stripping plier
- Kevlar cutter
- Crimp tool
- Carbide scribe
- Syringe (2)
- Epoxy glue
- Epoxy mixer
- Epoxy mixer pad
- Cleaning wipes
- ST polish disc
- SC polish disc
- Glasses working pad (15 x 20cm)
- Diamond polish film (6µm - brown color)
- Diamond polish film (1µ - purple color)



291787 / ASK-KIT-F03033
Complete Fiber Optic Termination Kit, (HxBxT): 60 x 300 x 240 mm

Quick Installation Fiber Optic Kit for OPTOFAST Connectors



Complete equipped - High-quality tools

Tools, consumables, installation instructions and necessary for termination of all OPTOFAST pre-polished connectors.

- 3-hole stripping plier
- Kevlar cutter
- Fiber Optic Cleaver
- Cleaning Wipes for alcohol-resistant surfaces
- Fiber Checker
- Alcohol Bottle
- Mechanical Splice for Optical Fiber 250µm until 900µm (10pcs)
- pre-polished Quick Assembly Connector SC (10pcs)
- Tool for Mechanical Splice ALWL-SPM-31



292630 / ASK-KIT-11ITK
Quick Installation Fiber Optic Kit for OPTOFAST Connectors

DTX-1800 - Alien Crosstalk Analyzer Kit



Cable verification at a higher level

The DTX 10 Gig over Copper Test Solution, the DTX-1800 CableAnalyzer together with the DTX 10 Gig Kit, enables testing and certification of twisted pair cabling for 10 Gigabit/sec Ethernet deployments.

Measures the performance for 10 Gig and Alien Crosstalk in full compliance with the industry standards to 500 MHz

- Two DTX-AXTLK1 Communication Modules
- Windows based DTX AxTalk Analyzer™ Software
- Two Cat 6A/Class EA (subscript) Permanent Link Adapters (DTX-PLA002S)
- Two Channel Adapters optimized for Alien Crosstalk measurements to 500 MHz (DTXCHA001AS)
- Two Link Terminators (DTX-AXTERM)
- Two RJ45-to-RJ45 Couplers

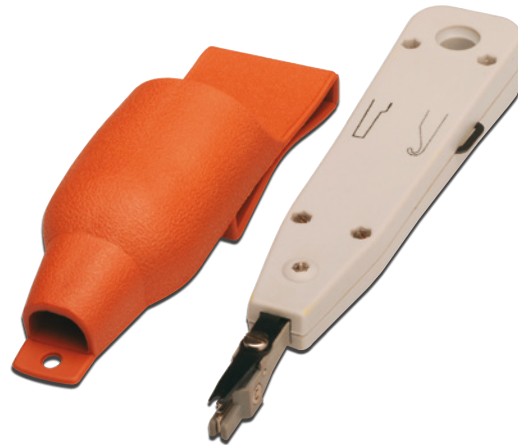


290780 / ACT-DTX-10GKIT
Alien Crosstalk Analyzer Kit

LSA Punch Tool

Punch Tool for LSA Strips

- Cable insulation and cutting of the extending cable ends
- Includes synthetic leather carry case
- Includes Extraction- and Unlocking Device



206569 / DN-LSA-PT
LSA Punch Tool

Krone LSA+ Punch Tool

Punch Tool for Krone LSA Strips

- Cable insulation and cutting of the extending cable ends
- Adjustable pressure
- Includes Extraction- and unlocking Device



132868 / A-LSA-K
Original Krone LSA+ Punch Tool

OPTOFAST Termination Tool

For OPTOFAST mechanical FO splice connector assembling

- Easy use to eliminate faulty of handling
- No epoxy required
- No electricity required



293514 / ALWL-STM-25
OPTOFAST Termination Tool

Network- and Communication Cable Tester, RJ45 and BNC



Specifically designed for quick and easy testing of your network cables

Test function for cables with RJ45, RJ12, RJ11 and BNC plug

- Auto-scan and step by step testing
- Loop-back: for testing and localising of already laid network or communication cables
- Continuity: for continuity testing of network or communication cables
- Open: for localising of disconnected single wires
- Shorts: locating of short-circuited single wires
- Miss-wire: identification of non-conform wire assignment
- Pin to pin configuration: 1:1 assignment testing
- Main device with 2x RJ45 jack, remote unit with 1x RJ45 jack
- Various LEDs for status display, operates with 9 Volt block battery
- Includes two-language manual and modular BNC adapter



126454 / DN-14001
Cable Tester, RJ-45 and BNC

Premium Network Cable Tester, RJ45, BNC

Backlit LCD display

- 2 x RJ45 connections
- Remote unit with 1x RJ45 connection
- Preset test modes for 10(100)Base-T, Token Ring, TP-PMD, AT&T 258A, EIA/TIA-568A/B USOC, 10Base-2 (BNC)
- 4 additional user test modes can be configured
- Tests assignment, pairs, connection and shielding
- Terminator loopback test, cable testing with up to 16 remote units
- Automatic cable identification
- Delivery includes 2x RJ45 / BNC adapters, 30cm patch cable and storage bag



079248 / ACT-LCS-400
Network Cable Tester

Modular Cable Tester, RJ45 & BNC

Test function for cables with RJ45, RJ12, RJ11 plugs

- Tests: continuity, assignment, pairing and shielding
- Line / voltage detection
- Main device with 2x RJ45, 1x BNC jack, remote unit with 1x RJ45, jack
- Even already laid cable can be tested with the remote unit
- Various LEDs for status display, operates with 9 Volt block battery
- Includes synthetic leather carry case



126096 / ACT-LAN-CT
Modular Cable Tester, RJ45 & BNC

Network Cable Tester, RJ45 & BNC

Test function for cable with RJ45/11 UTP/STP and BNC plugs, patch panels and modular sockets

- Coaxial cable test using BNC adapter
- Manual or automatic test procedure
- Tests: Continuity, assignment, shielding, pairing as per EIA/TIA 356A / 568A / 568B / Token Ring
- Main device with 2x RJ45 jack, remote unit with 1x RJ45 jack
- Even already laid cable can be tested with the remote unit
- Supplied with case and BNC adapter



126089 / ACT-LAN-PRO
Network Cable Tester, RJ45 & BNC

Network and Cable Tester with Remote ID Modules

Cable tester with sound generator, network tester and port ID finder

- 2 x RJ45 connections
- Remote unit with 1x RJ45 connection
- Manual or automatic test execution
- Tests: Continuity, assignment, shielding, pairing as per EIA/TIA 356A / 568A / 568B / Token Ring
- 2-digit, 7-segment display shows the ID for the selected remote unit
- Display of the network type and network speed
- Sound generator for detected defective cables (Tracer not included!)
- Terminator loopback test, cable measurement with up to 25 remote units
- Automatic cable identification
- Package includes 25 remote ID modules



158745 / ACT-LAN-MOD
Network and Cable Tester

MicroScanner2 Cable Verifier



Cable verification at a higher level

Test Connectors: Twisted-pair: UTP, FTP, SSTP 8-pin modular jack accepts RJ45 and RJ11 Coax: F-connector for 75 Ω, 50 Ω, 93 Ω cables

- Cable Tests: Length (460 m or 1500 ft, wiremap to TIA-568A/B standards, remote ID locators
- Tone Generator: IntelliTone digital tone: [500 KHz]; analog tones: [400Hz, 1KHz]
- Ethernet Port Test: Advertised speed of 802.3 Ethernet ports (10/100/1000)
- Power Source: Battery type - 2 AA alkaline batteries
- Dimensions: 3 in x 6.4 in x 1.4 in (7.6 cm x 16.3 cm x 3.6 cm)
- Weight: 13 ounces; 363 grams (batteries included)



290827 / ACT-MS2-100
MicroScanner2 Cable Verifier

IntelliTone Pro 200 Kit



Cable verification at a higher level

Copper cabling media, including shielded (STP) and UTP cable; 75 or 50 Ohm coaxial cable; two conductor control, security, generic cabling. 10 Base-T or 10/100/1000 Base-T datacom networks. POTS telecom service.

- Toner - Dimensions: 5.54 in x 2.94 in x 1.25 in
- Toner - interface: Main Mod8 port for tone generation on all 4 pairs of UTP / STP cabling, F connector for coaxial cabling, Banana jack plugs (2) - two conductor wiring
- Toner - Auto power down: Turns off automatically after 2.5 hours of inactivity
- Probe - Dimensions: 8.73 in x 1.88 in x 1.26 in
- Probe - Tone detection: Detects IntelliTone™ digital signal for Locate, Isolate and CableMap. Detects Analog SmartTone Signal (500-1200Hz) and other analog toners.
- Probe - Toner interface: Main Mod8 port for cablemap on all four pairs of UTP / STP cabling
- Probe - Auto power down: Turns off automatically after one hour of inactivity



290803 / ACT-MT-8200-60A
IntelliTone 200 Kit

Pro3000 - Analog Tone and Probe



Cable verification at a higher level

The Pro3000 Analog Tone and Probe are your best choice for toning and tracing wire on non-active networks, and specifically for identifying individual pairs with SmartTone™ technology

- Toner - Solid Frequency: 1000 Hz nominal
- Toner - Alternating Frequency: 1000/1500 Hz nominal
- Toner - Over Voltage Protection: 60 Vdc in Toner/Polarity Mode
- Toner - Output Power in Tone Mode: 8 dbm into 600 ohms
- Toner - Output Voltage Level in Continuity Mode: 8 Vdc with fresh battery
- Toner - Case dimensions: 2.7 in. x 2.4 in. x 1.4 in. (6.9 cm x 6.1 cm x 3.6 cm)
- Probe - Case dimensions: 9.8 in. x 1.6 in. x 1.3 in. (24.9 cm x 4.1 cm x 3.3 cm)
- Battery: 9V alkaline
- Temperature Operating: -20° C to 60° C, Storage: -40° C to 70° C



291275 / ACT-PRO 3000
Pro3000 Analog Tone & Probe Kit

Cable IQ Qualification Tester



Cable verification at a higher level

CableIQ Qualification Tester includes CableIQ with remote adapter and soft carrying case

- Cable types supported: UTP, STP, FTP, SSTP, RG6, RG59, audio, security
- Qualification autotests: 1000BASE-T, 100BASE-TX, 10BASE-T, VoIP, 1394b S100, TELCO, Wiremap only, Coax
- Supported tests: Wiremap, length, cable signal performance, digital toner, analog toner, Ethernet port detection and identification, analog telephone detection, blink port light, continuity, speaker test, cable fault finding, video signal detection
- Find fault: Measures crosstalk and impedance and compares against appropriate limits based on qualification test selected. Detects location of large point sources as well as distributed sources in the cabling if they are sufficient to disqualify the application.
- Results storage: Up to 250 qualification test results
- Power: Battery type: 4 AA (NEDA 15A, IEC LR6) alkaline batteries
- Battery life: 20 hours of typical use, without backlight
- Other battery types supported: 4AA photo lithium, NiMH, NiCad
- Dimensions and weight: 7 in x 3.5 in x 1.75 in (17.8 cm x 8.9 cm x 4.5 cm) 1.2 lb



290810 / ACT-CIQ-100
Cable IQ Qualification Tester

LAN Network Tester for Copper, Fiber Optic and WLAN Networks

The LanXPLOER is a highly professional network tester and provides users an extensive function testing with a comprehensive test functionality in the network area.

The LanXPLOER is an exceptional In-Line Active and Passive network tester, you can get it in 3 versions. It offers unsurpassed test capability for Local Area Network management and large clear QVGA color display. The ACT-LANXPLOER-PRO offers additional an touchscreen display, for even simpler operability. The LanXPLOER is a high quality, powerful, convenient and easy to use tester unrivalled by any other product available today. With full In-Line and Endpoint test capabilities, ACT-LANXPLOER-PRO tests not only copper cables but also active LAN connections over copper and fiber links. In addition, it liberates the user from cables by allowing most tests to be conducted through a wireless connection offering unparalleled flexibility. With such comprehensive test capability and ease of use, LanXPLOER PRO is the perfect tool to meet the needs of professional IT installers and systems administrators in any enterprise, campus or industrial Ethernet environment.

- Wiring diagram and cable tracking
- PoE/PoE+-Test
- Network discovery
- DHCP, PING, Traceroute, VLAN
- LAN measurement of copper in the endpoint mode
- WLAN testing
- Inline LAN measurement of copper for VoIP-Application, PC-Diagnosis and PoE/PoE+ Lasttest
- Loopback-Mode
- Fiber optic testing
- Touchscreen



302629 / ACT-LANXPLOER

LAN Network Tester for Copper Networks

302636 / ACT-LANXPLOER-PLUS

LAN Network Tester for Copper and WLAN Networks

302643 / ACT-LANXPLOER-PRO

LAN Network Tester for Copper, Fiber Optic and WLAN Networks (with touchscreen) PREMIUM-Kit

305507 / ACT-LANXPLOER-PRO-P

PREMIUM-Kit

Modular conception - The new 19" consoles.

More about this in the chapter DATACOM

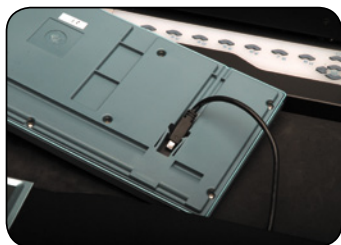


The console has four components which are easy to combine and can be ordered separately:

- The main console, consisting of the console frame with either a 17" or a 19" monitor and touchpad
- The 19" built-in rack for fixing into a network / server cabinet
- A keyboard (various layouts are obtainable)
- A KVM module (1, 8, or 16 port with or without IP access)



The modular construction of the professional DIGITUS® KVM consoles offers individual options for use.



Professional

www.digitus-professional.com

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Professional 483mm (19") KVM-TFT Consoles



The professionally DIGITUS® KVM console offers through his absolute modular construction many of possibly individual applications. The console can be composite for his intended application range. Therefore this console is on the one hand cost-saving as well as upgrade- and rebuildable at every time and warrants a high future-proof. The console consists out of four main parts which can be ordered separately and comfortable and easy are composed of following elements to match favored control element:

1. The main console, composed of the console-frame with monitor and touchpad
2. The mounting frames for the mounting parts in a cabinet
3. A keyboard
4. A KVM-module

The matching connecting cables for every KVM-module are also available.



The main console

The main console consists of a rugged metal mounting frame, one 43,2cm (17") or 48,3cm (19") TFT-monitor and a built in touchpad.

Prominent features are:

- Rugged metal frame
- 1U construction
- Modular capability of connecting for touchpad, keyboard, monitor, mounting frame and KVM-module
- Touchpad with simulated scroll-wheel control
- Two selectable monitors:
 - Monitor, 43,2cm (17") (DS-75100)

• Resolution:	1280x1024 Pixel at 60/70/75Hz
• Active screen area:	337,9x270,3(mm) ²
• Pixel-Pitch:	0,264(H)x0,264(V)(mm)
• Brightness:	300(cd/m ²)
• Contrast:	800:1
• Maximum angle:	~80°
 - Monitor, 48,3cm (19") (DS-76100)

• Resolution:	1280x1024 Pixel at 60/70/75Hz
• Active screen area:	376,3x301,1(mm) ²
• Pixel-Pitch:	0,294(H)x0,294(V)(mm)
• Brightness:	300(cd/m ²)
• Contrast:	800:1
• Maximum angle:	~85°



mounting frame



Keyboard

The mounting frame

Depending on the cabinet installation depth are two several mounting frames selectable:

- DS-70100: For cabinet installation depth of 40cm (15" 3/4) to 77cm (30" 5/16),
Length: 385mm (15" 3/20)
- DS-70101: For cabinet installation depth of 59cm (23" 7/32) to 96cm (37" 3/4),
Length: 575mm (22" 13/20)

Keyboards

The ergonomic keyboards are manufactured custom-fit for the console and will be connect easily via Mini-USB. Layouts are available for the following countries: Germany (DS-70000GE), United Kingdom (DS-70000UK), USA (DS-70000US), France (DS-70000FR), Italy (DS-70000IT), Spain (DS-70000ES), Portugal (DS-70000PT). More keyboard layouts after request.



detailed view



The KVM-modules

Several KVM-modules are available for the console which are close to leave nothing to be desired. The connection uses a built in connector from the console frame to the KVM-module. Available are six modules with an eight or sixteen KVM-ports and with or without IP access.

- DS-11210** **Combo-KVM module for USB and PS/2, 1-Port**
 - Direct connection to a server or to an already existing KVM
 - Video resolution up to 1920x1440 pixels; supports DDC2B
 - Dimensions (WxDxH): 40x404x114mm; 1.02x15.91x4.49"
- DS-11215** **Combo-KVM module for USB and PS/2, 1-port, with IP access possibility**
 - Direct connection to a server or to an already existing KVM
 - TCP/IP access possibility via web browser or VNC client
 - Own internal firewall and security management functions
 - Special On-Screen-Display menu
 - Video resolution up to 1600x1200 pixels at 85Hz
 - Dimensions (WxDxH): 43x404x220mm; 1.69x15.91x8.66"
- DS-13210** **Combo-KVM module for USB and PS/2, 8-ports or 16-ports**
 - Direct connection to a server or to an already existing KVM
- DS-14210**
- DS-13215** **Combo-KVM module for USB and PS/2, 8-ports or 16-ports, with IP access possibility**
 - Auto scan function
 - Password protection
 - Special On-Screen-Display menu
 - Video resolution up to 1920x1440 pixels; supports DDC2B
 - Dimensions (WxDxH): 40x404x114mm; 1.02x15.91x4.49"
- DS-14215**
- DS-14215** **Combo-KVM module for USB and PS/2, 8-ports or 16-ports, with IP access possibility**
 - Direct connection to a server or to an already existing KVM
 - Auto scan function
 - Password protection
 - TCP/IP access possibility via web browser or VNC client
 - Own internal firewall and security management functions
 - Special On-Screen-Display menu
 - Video resolution up to 1600x1200 pixels at 85Hz
 - Dimensions (WxDxH): 43x404x220mm; 1.69x15.91x8.66"



The Cables

The KVM connection cables are available from 1.8m up to 6.0m and PS/2 or USB Connectors.

For DS-11210:

- PS/2: DS-19131 (1,8m), DS-19132 (3,0m), DS-19133 (5,0m)
- USB: AK 82301 (1,8m), AK 82302 (3,0m), AK 82303 (5,0m)

For other modules:

- PS/2: DS-19111 (1,8m), DS-19112 (3,0m), DS-19113 (6,0m)
- USB: DS-19211 (1,8m), DS-19212 (3,0m), DS-19213 (5,0m)



PS/2 connection cable, DS-11210



USB connection cable, DS-11210



PS/2 connection cable, DS-19111



USB connection cable, DS-19211

Products Overview

258667 / DS-75100 LCD Console, with TFT 43,2cm (17") basic frame	258773 / DS-11210 KVM module for modular based console, 1 port	201250 / AK 82302 KVM cable set, USB - 3,0m
258674 / DS-76100 LCD Console, with TFT 48,3cm (19") basic frame	258780 / DS-11215 KVM module for modular based console, 1-port, with IP access	201267 / AK 82303 KVM cable set, USB - 5,0m
258919 / DS-70100 Mounting frame for modular based console, 385mm	258797 / DS-13210 KVM module for modular based console, 8-port	258834 / DS-19111 PS/2 connection cable for modular based console - 1,8m
258926 / DS-70101 Mounting frame for modular based console, 575mm	258803 / DS-13215 KVM module for modular based console, 8-port, with IP access	258841 / DS-19112 PS/2 connection cable for modular based console - 3,0m
258681 / DS-70000GE Keyboard for modular designed console, German	258810 / DS-14210 KVM module for modular based console, 16-port	258858 / DS-19113 PS/2 connection cable for modular based console - 6,0m
258698 / DS-70000UK Keyboard for modular designed console, English	258827 / DS-14215 KVM module for modular based console, 16-port, with IP access	258865 / DS-19211 USB connection cable for modular based console - 1,8m
258704 / DS-70000US Keyboard for modular designed console, American	274797 / DS-19131 KVM cable set, PS/2 - 1,8m	258841 / DS-19212 PS/2 connection cable for modular based console - 3,0m
258711 / DS-70000FR Keyboard for modular designed console, French	274803 / DS-19132 KVM cable set, PS/2 - 3,0m	258858 / DS-19213 PS/2 connection cable for modular based console - 5,0m
258728 / DS-70000IT Keyboard for modular designed console, Italian	274827 / DS-19133 KVM cable set, PS/2 - 5,0m	
258735 / DS-70000ES Keyboard for modular designed console, Spanish	201243 / AK 82301 KVM cable set, USB - 1,8m	



Console with 43,2cm (17") TFT

The compact console solution to working in cramped server rooms - all in a 1HU rackmountable housing

The DIGITUS® TFT consoles are a space-saving and functional solution for a comfortable connection with PCs, servers, or KVM installations in a rack mounting area. They combine three devices in one and they use only 1U in a rack.

- Non-reflective and break-proof LCD monitor 43,2cm (17")
- Active matrix LCD panel
- Maximum resolution: 1280x1024 pixels at 60Hz, Cl. II
- VGA/SVGA/XGA/SXGA display modes, 16.2 mill. colors
- Contrast rate 500:1, brightness 300cd/m2, response time 8ms
- Audio/speaker support (1 x 3.5mm stereo plug)
- Requires no additional software or hardware
- Space-saving steel sheet housing (1U height), black (RAL 9005)
- Dimensions (W x D x H, weight): 447mm x 600mm x 48mm; 13.2kg
- Package contents: 1 x LCD console, 1 x user manual, 1 x power cord, 2 x mounting brackets; 12 x screws (for brackets); 2 x key



Consoles also available with other Keyboard layouts on request.

Connection cable (see below) not in scope of delivery.



233749 / DC-72101GE

Console with TFT 43,2cm (17"), german keyboard

233763 / DC-72101US

Console with TFT 43,2cm (17"), US-keyboard

233756 / DC-72101FR

Console with TFT 43,2cm (17"), french keyboard

Octopus KVM Cable set



Original accessory

Octopus cable set for KVM switches with PS/2-connectors and VGA-female connectors

- 2 x MiniDIN6 (PS/2), plug <-> 2 x MiniDIN6 (PS/2), plug
- 1 x HD DSUB, 15-pin, plug <-> 1 x HD DSUB, 15-pin, plug
- Connectors color coded: keyboard (violet), mouse (green), and monitor (blue)
- Suitable for DIGITUS® consoles DC-72101xx and console module DS-11210



274797 / DS-19131

KVM Cable set, PS/2 - 1.8m

274803 / DS-19132

KVM Cable set, PS/2 - 3.0m

274827 / DS-19133

KVM Cable set, PS/2 - 5.0m

274834 / DS-19134

KVM Cable set, PS/2 - 7.0m

274841 / DS-19135

KVM Cable set, PS/2 - 10.0m

KVM cable PS/2 for KVM consoles



Original accessory

Octopus cable set for DIGITUS® consoles with integrated KVM, for PS/2 / VGA servers

- HDDB15/M <=> HDDB15/M, 2 x MiniDIN6/M
- Connectors color coded: keyboard (violet), mouse (green), and monitor (blue)
- Suitable for DIGITUS® TFT consoles with integrated KVM switch
- Suitable for: DC-72301xx, DC-72302xx, DC-72401xx
- Geeignet für: DC-72301xx, DC-72302xx, DC-72401xx



254782 / DC-19101

KVM Cable set, PS/2 - 1.8m

254799 / DC-19102

KVM Cable set, PS/2 - 3.0m

254805 / DC-19103

KVM Cable set, PS/2 - 5.0m

KVM cable USB for KVM consoles



Original accessory

Octopus cable set for DIGITUS® consoles with integrated KVM, for USB / VGA servers

- HDDB15/M <=> HDDB15/M, 1 x USB A/M
- Built-in PS/2 to USB converter
- Compatible with USB specifications 1.0, 1.1, and 2.0
- UHCI, OHCI, and EHCI host controllers supported
- Suitable for DIGITUS® TFT consoles with integrated KVM switch
- Suitable for: DC-72301xx, DC-72302xx, DC-72401xx



255536 / DC-19201

KVM Cable set, USB - 1.8m

255543 / DC-19202

KVM Cable set, USB - 3.0m

255550 / DC-19203

KVM Cable set, USB - 5.0m

Console with TFT 43,2cm (17"), 4-/8-/16-port KVM switch

The compact console solution to working in cramped server rooms - all in a 1HU rackmountable housing



The DIGITUS® TFT consoles with integrated KVM are a space saving and functional solution for a comfortable connection to several PCs or servers in a rack-mounting area. They combine four devices in one and occupy only 1U in a rack.

- Control Panel with TFT 43,2cm (17"), keyboard, touchpad and built-in KVM switch
- Control up to 256 computers by KVM cascading
- PC selection via push button on front panel, hot key, mouse clicking or through OSD menu
- Monitors PC status by auto-scan function
- Non reflective and break-proof LCD monitor 43,2cm (17")
- Active matrix LCD panel
- Max. resolution: 1280x1024 pixels at 75Hz, CI.II, and supports EDID & DDC2 of each PC
- VGA/SVGA/XGA/SXGA Display Mode 16.2 Mio. colors
- Contrast rate 500:1, brightness 300cd/m2, response time 8ms
- Requires no additional software or hardware
- Space saving steel sheet housing (1U height), black RAL 9005
- Dimensions (WxDxH): 447x600x48mm
- Package content: 1x LCD Console with integrated KVM, 1x USER Manual, 1x Power Cord, 1x Firmware Upgrade cable, 2x Rack-Mount Brackets, 12x Screws (for Brackets), 2x Key

Consoles also available with other Keyboard layouts on request.

Connection cable (see below) not in scope of delivery.



233770 / DC-72301GE
Console with TFT 43,2cm (17"), 4-port KVM, german keyboard

233800 / DC-72301US
Console with TFT 43,2cm (17"), 4-port KVM, US-keyboard

233787 / DC-72301FR
Console with TFT 43,2cm (17"), 4-port KVM, french keyboard

233817 / DC-72302GE
Console with TFT 43,2cm (17"), 8-port KVM, german keyboard

233831 / DC-72302US
Console with TFT 43,2cm (17"), 8-port KVM, US-keyboard

233824 / DC-72302FR
Console with TFT 43,2cm (17"), 8-port KVM, french keyboard

233848 / DC-72401GE
Console with TFT 43,2cm (17"), 16-port KVM, german keyboard

233862 / DC-72401US
Console with TFT 43,2cm (17"), 16-port KVM, US-keyboard

233855 / DC-72401FR
Console with TFT 43,2cm (17"), 16-port KVM, french keyboard

483mm (19") TFT (48.3 cm) console with keyboard and touchpad



The compact console solution to work in cramped server rooms - all in a 1HU rackmountable housing

The DIGITUS® TFT consoles are a space-saving and functional solution for a comfortable connection with PCs, servers, or KVM installations in a rack mounting area. They combine three devices in one and they use only 1U in a rack.

- Non-reflective and break-proof LCD monitor 48.3cm (19")
- Active matrix LCD panel
- Maximum resolution: 1280x1024 pixels at 75Hz
- VGA/SVGA/XGA/SXGA display modes, 16.2 mill. colors
- Contrast rate 700:1, brightness 300cd/m2, response time 6ms
- Audio/speaker support (1 x 3.5mm stereo plug)
- Requires no additional software or hardware
- Space-saving steel sheet housing (1U height), black (RAL 9005)
- Dimensions (W x D x H, weight): 447mm x 600mm x 48mm; 13.2kg



308560 / DS-72102GE

Console with TFT 48.3 cm (19"), german keyboard

308577 / DS-72102US

Console with TFT 48.3 cm (19"), US - keyboard

483mm (19") TFT (48.3 cm) console with integrated 8-/16-port KVM switch



The compact console solution to work in cramped server rooms - all in a 1HU rackmountable housing

The DIGITUS® TFT consoles with integrated KVM are a space-saving and functional solution for a comfortable connection with several PCs or servers in a rack mounting area. They combine four devices in one and they use only 1U in a rack.

- Console with TFT 48.3cm (19"), keyboard, touchpad and built-in KVM switch
- Control up to 256 computers by KVM cascading
- PC selection via push buttons on front panel, via hot key, mouse click, or OSD menu (On-Screen-Display)
- Monitors PC status by auto-scan function
- Non-reflective and break-proof LCD monitor 48.3cm (19")
- Active matrix LCD panel
- Maximum resolution: 1280x1024 pixels at 75Hz, Cl. II & supports EDID and DDC2 of each PC
- VGA/SVGA/XGA/SXGA display modes, 16.2 mill. colors
- Contrast rate 700:1, brightness 300cd/m2, response time 6ms
- Requires no additional software or hardware
- Space-saving steel sheet housing (1U height), black (RAL 9005)
- Dimensions (W x D x H, weight): 447mm x 600mm x 48mm; 13.35kg / 13.4kg



308584 / DS-72303GE

Console with TFT 48.3cm (19"), 8-port KVM, german keyboard

308591 / DS-72303US

Console with TFT 48.3cm (19"), 8-port KVM, US-keyboard

308607 / DS-72402GE

Console with TFT 48.3cm (19"), 16-port KVM, german keyboard

308614 / DS-72402US

Console with TFT 48.3cm (19"), 16-port KVM, US-keyboard

USB-PS/2 Combo-KVM switch with OSD, 8-port



This high quality KVM switch is ideal for using in small to middle sized server rooms and provides direct connection to eight server. Due to the possibility to upgrade the firmware, it fits simply to all new conditions.

- Controls up to eight PCs with one PS/2- or USB-keyboard, one PS/2- or USB-mouse and one monitor
- Extension via cascading possible
- Simple installation - no additional software needed
- PC-choice over push-buttons, Hot-Key or OSD (On Screen Display)
- Excellent video quality - up to 2048x1536 pixels at 85Hz
- Supports DDC, DDC2 monitors
- Hot plug and play
- Emulates a keyboard on each PC to allow your computers to boot normally without a keyboard error
- Autoscan (5 to 250 sec., selectable)
- Incl. external Power DC 5V 2A
- incl. Rack mounted iron panel with screw (DC-15002 => also separately available)
- Fully compliant with USB 1.1/2.0 specifications
- Upgradeable firmware
- Supports Windows®, Mac, Linux and Sun Micro Systems
- Dimension (LxWxH; Weight): 440x157x45mm (17.3x6.1x1.5inch); 1750g
- Package contents: 1x KVM switch, 1x user manual, 1x power adapter, 1x mounting frame



258407 / DS-13202

USB-PS/2 Combo-KVM switch with OSD, 8-port

258414 / DS-14202

USB-PS/2 Combo-KVM switch with OSD, 16-port

CAT 5 Combo-KVM switch, USB - PS/2



The DIGITUS® CAT 5 Combo-KVM switch enables the user to operate up to eight PCs (8-port) or sixteen PCs (16-port) with USB / PS/2 interface simultaneously via Cat.5 cables - up to a length of 20 meters! With the optional Combo Dongle (DS-19202), a Cat. 5 cable can be connected easily to the console port of your PC. Due to the possibility to upgrade the firmware, it fits simply to all new conditions.

- Provides On-Screen-Display (OSD) and cascade chain functions (up to 3 levels)
- The usage of Cat.5 UTP cables enables a distance of 20 meters between each server and the KVM switch
- Optional combo-dongle available (DS-19202), to simplify the connection of the Cat.5 cable to the console port of the PC
- PC-choice over push-buttons, Hot-Key or OSD (On Screen Display)
- Extension via cascading possible
- Simple installation - no additional software needed
- Hot plug and play
- Autoscan (5 to 250 sec., selectable)
- Fully compliant with USB 1.1/2.0 specifications
- LED display for easy status monitoring
- Upgradeable firmware
- SSL Secure access through certificate authentication and data encryption
- 256-bit SSL encryption of all transmitted data
- Emulates a keyboard and a mouse on each PC to allow your computers to boot normally without a keyboard error
- Rack mountable in system rack (1U)
- Supports Windows®, Mac, Linux and Sun Micro Systems
- Excellent video quality - up to 1600 x 1200 pixels at 60Hz
- Package contents: 1x KVM switch, 1x user manual, 1x power adapter, 1x mounting frame



309482 / DS-15202

Cat. 5 Combo-KVM Switch, 8-port

309499 / DS-16202

Cat. 5 Combo-KVM Switch, 16-port

CAT 5 Combo-KVM switch over IP, USB - PS/2



The DIGITUS® Cat.5 Combo-KVM switch over IP enables the user to operate up to eight / sixteen PCs (8- / 16-port – USB / PS/2) via Cat.5 cables - locally, or remotely via IP - up to a length of 20 meters! With the optional Combo Dongle (DS-19202), a Cat. 5 cable can be connected easily to the console port of your PC. Due to the possibility to upgrade the firmware, it fits simply to all new conditions.

- Provides local and remote KVM access over IP
- The usage of Cat.5 UTP cables enables a distance of 20 meters between each server and the KVM switch
- Optional combo-dongle available (DS-19202), to simplify the connection of the Cat.5 cable to the console port of the PC
- Provides On-Screen-Display (OSD) and cascade chain functions (up to 3 levels)
- PC-choice over push-buttons, Hot-Key or OSD (On Screen Display)
- Extension via cascading possible
- Simple installation - no additional software needed
- Hot plug and play
- Autoscan (5 to 250 sec., selectable)
- Fully compliant with USB 1.1/2.0 specifications
- LED display for easy status monitoring
- Upgradeable firmware
- SSL Secure access through certificate authentication and data encryption
- 256-bit SSL encryption of all transmitted data
- Emulates a keyboard and a mouse on each PC to allow your computers to boot normally without a keyboard error
- Rack mountable in system rack (1U)
- Supports Windows®, Mac, Linux and Sun Micro Systems
- Excellent video quality - up to 1600 x 1200 pixels at 60Hz
- Package contents: 1x KVM switch, 1x user manual, 1x power adapter, 1x mounting frame



309505 / DS-15202-1

Cat. 5 Combo-KVM Switch over IP, 8-port

309512 / DS-16202-1

Cat.5 Combo-KVM Switch over IP, 16-Port

KVM Cable for DIGITUS® KVM switches (Combo series)

DIGITUS® original accessory



- DC-11101, DC-12101, DC-11301, DC-12301, DC-13101, DC-14101, DC-11202, DC-11202-1, DC-12202, DC-12202-1, DC-11401, DC-11401-1, DC-12401, DC-12401-1, DC-13201, DC-14201
- Color: black
- Connectors KVM side 1x HD DSUB, 15-pin, plug
- Connectors PC side 2x MiniDIN, 6-pin, plug, 1x USB A, plug, 1x HD DSUB, 15-pin, plug
- Length 1.8 m



201151 / AK 82001

KVM Cable set, PS/2 and USB - 1.8m

201168 / AK 82002

KVM Cable set, PS/2 and USB - 3.0m

201175 / AK 82003

KVM Cable set, PS/2 and USB - 5.0m

KVM cable for DIGITUS® CAT 5 KVM switches (Combo series)

DIGITUS® original accessory

- Color black
- Connectors PC side 2x MiniDIN, 6-pin, plug; 1x USB A, plug; 1x HD DSUB, 15-pin, plug
- Connectors KVM side RJ45 jack, CAT 5 Installation



309529 / DS-19202
KVM Cable set, PS/2 and USB

Mounting frame for network cabinets

DIGITUS® original accessory

Spare mounting frame for 8- and 16-port KVM-switches, Combo-Line
Suitable for:
- DC-13201
- DC-14201
- DS-13202
- DS-14202



206132 / DC-15002
Mounting frame for 8-/16-port KVMs

Rack Mount Kit for DIGITUS® USB KVM Extender

Integrate your USB KVM Extender easily into a Rack

Two-Piece Rack Mount Kit consisting of a magnetic plate and a Rack Mount Bracket. This Kit enables you to integrate your DIGITUS® USB KVM Extender into a standard Rack!

- Suitable for DS-51200 DIGITUS® USB KVM Extender
- Set: Magnetic plate and Rack Mount Bracket



306245 / DS-15003
Rack mount Kit for DIGITUS USB KVM Extender

Desktop KVM switch PS/2, OSD, 8-port

Control multiple computers with ease and save on redundant equipment

Controls simply, comfortably and cost-saving several PCs with one console with one monitor, one keyboard and one mouse. Simple usage with On-Screen-Display (OSD).

- Controls eight computers with one PS/2 keyboard, one PS/2 mouse and one monitor
- Simple installation - no additional software required
- PC selection via buttons, hot keys or mouse click (hot key function can be switched off)
- Clear On-Screen-Display (OSD)
- Excellent video quality - up to 1920x1440 pixels, 200MHz bandwidth
- Supports DDC, DDC2, DDC2B, DDC2AB
- Hot plug and play
- Keyboard and mouse emulation for error free booting of the computer
- Autoscan (5,10,15,20,25,30 sec. options) / autoskip function
- Power supply included
- Incl. installation bracket 1HE
- Supports Standard-PS/2-mouse, Microsoft IntelliMouse plus complete support for Microsoft IntelliPoint 5.0 mouse drivers & Logitech Mouse ware-drivers
- Supports Windows®, Mac, Linux and Sun Micro Systems
- Dimensions (LxWxH, Weight): 342x104x45mm; 1460g
- Package Contents: 1x KVM switch; 1x user manual; 1x power supply DC 9V 600mA; mounting frame
- Optional KVM cable: DS-19121 (1.8m), DS-19122 (3.0m), DS-19123 (5.0m), DS-19124 (7.0m), DS-19125 (10.0m)



258186 / DS-13112

KVM switch PS/2 with mouseclicking, OSD, 8-port

Desktop KVM switch PS/2

Control multiple computers with ease and save on redundant equipment

Controls simply, comfortably and cost-saving several PCs with one console with one monitor, one keyboard and one mouse.

- Controls up to six PCs via a PS/2 keyboard, a PS/2 mouse and a monitor
- Simple installation - no additional software required
- PC selection via buttons, hot keys or mouse click (hot key function can be switched off)
- Excellent video quality - up to 1920x1440 pixels, 200MHz bandwidth
- Supports DDC, DDC2, DDC2B, DDC2AB
- Hot plug and play
- Keyboard and mouse emulation for error free booting of the computer
- Autoscan (5,10,15,20,25,30 sec. options) / autoskip function
- Incl. installation bracket 1HE
- Supports Standard-PS/2-mouse, Microsoft IntelliMouse plus complete support for Microsoft IntelliPoint 5.0 mouse drivers & Logitech Mouse ware-drivers
- Supports Windows®, Mac, Linux and Sun Micro Systems
- Dimensions (LxWxH, Weight): 269x104x45mm; 1180g
- Package Contents: 1x KVM switch; 1x user manual; 1x power supply DC 9V 300mA; 1X mounting frame with fixing material
- Optional KVM cable: DS-19121 (1.8m), DS-19122 (3.0m), DS-19123 (5.0m), DS-19124 (7.0m), DS-19125 (10.0m)



258162 / DS-13110

KVM switch PS/2 with mouseclicking, 6-port

258179 / DS-13111

KVM switch PS/2 with mouseclicking, 8-port

Octopus KVM Cable Set

DIGITUS® original accessory

Octopus cable set for KVM switches with PS/2-connectors and VGA-jack connectors.

- 2 x MiniDIN6 (PS/2), plug <-> 2 x MiniDIN6 (PS/2), plug
- 1 x HD DSUB, 15-pin, plug <-> 1 x HD DSUB, 15-pin, jack
- Color: black
- Connectors color coded: keyboard (violet), mouse (green), and monitor (blue)



274612 / DS-19121

KVM Cable set, PS/2 - 1.8m

274711 / DS-19122

KVM Cable set, PS/2 - 3.0m

274742 / DS-19123

KVM Cable set, PS/2 - 5.0m

274773 / DS-19124

KVM Cable set, PS/2 - 7.0m

274780 / DS-19125

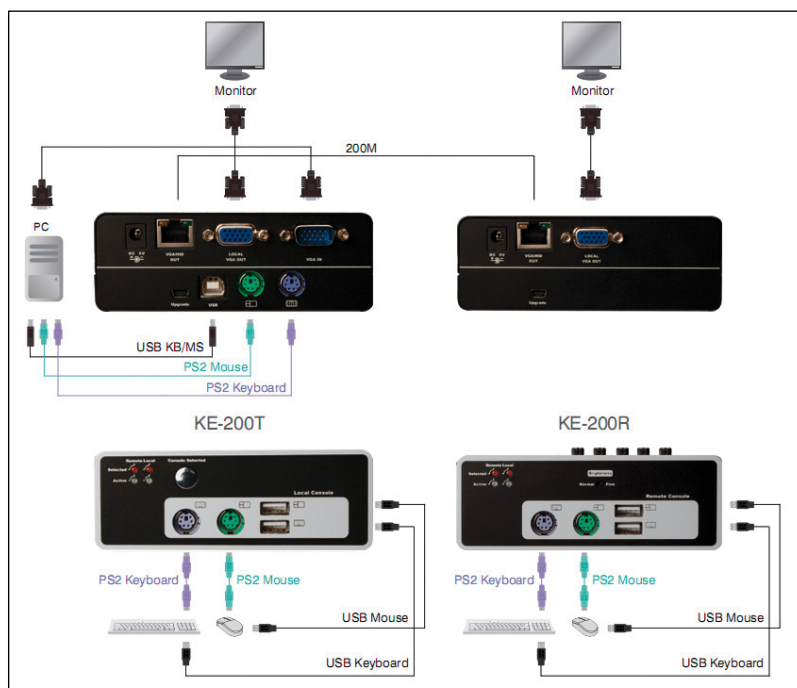
KVM Cable set, PS/2 - 10.0m

Combo KVM Extender with USB and PS/2



This Combo KVM Extender allows an extension of VGA video, USB, and / or PS/2 signals up to a distance of 200 meters away from the signal source. With the built-in video and keyboard/mouse signal amplifiers an excellent quality of video resolutions can be achieved.

- Extends keyboard, video, and mouse signals via Cat5 cables
- Dual console operation possible - controls your system locally and remotely
- Push button at local side to select active console
- Options available to control console settings: local / remote / local and remote
- Local and remote consoles allow connections of USB and / or PS/2 keyboards / computer mice
- Allows computer connections via USB and / or PS/2 interfaces at local console
- Supports high video resolutions up to 1920x1080 pixels at max. 75m; 1280x1024 pixels up to 200m, at 60Hz
- Remote monitor DDC2B supported
- Control of focus, brightness, and color skew at remote side ensures perfect video quality
- No software or driver installations required
- Supports access to BIOS level
- LEDs on both devices indicate active console and connection status
- Firmware upgradeable
- Supports Windows®, Mac, Linux and Sun Micro Systems
- Dimensions local / remote (L x W x H): 125mm x 78mm x 46mm
- Package contents: 1 x local unit, 1 x remote unit, 1 x user manual, 1 x VGA female to male cable, 1 x USB cable; 2 x power adaptor DC 5V 2A



Local



Remote



USB KVM Extender over CAT 5

Move your console to the most convenient place – Enjoy flexibility!

Extends the Video, USB Keyboard and Mouse signal by Cat 5 up to 200m

- High resolution video up to 1280x1024 @ 60Hz for distances of up to 200 meters
- High quality resolutions thanks to the built-in video, keyboard and mouse signal enhancement
- Dual console operation - Control your system from both the local and remote unit
- Selection of the active console via push button at local side
- Three active console options: local console / remote console / both consoles
- Supports keyboard/mouse connection of USB interface to computer at local side
- DDC2B support for remote monitor
- No software or driver installation required
- Supports BIOS level operation
- Firmware upgradeable
- Compatible with most commonly used operating systems like DOS, Windows 98SE/ME/2000/XP/2003 Server/Vista/7, Linux, Mac OS9/OSX and Sun Microsystems



Matching Accessories
DS-15003 Rack Mount Kit



Local



Remote



306054 / DS-51200
USB KVM Extender over Cat 5 up to 200m

KVM extender over CAT 5

Perfect for moving the console away from KVM switch to the most convenient place

The extension of VGA, PS/2 keyboard, PS/2 mouse signal up to 300 meter away by using the KVM Extender and one CAT 5 cable.

- Max. resolution 1280x1024 pixels
- Support Auto/Manual video quality adjustment
- Support video gain, equalization and RGB skew adjust
- Support three hot keys to combine other equipment
- Two control privilege modes – „Share“ & „Local only“
- Extra console port is available on Local side
- Auto console selection between Local and Remote



223825 / DC-51101
KVM extender 300m, local + remote

232711 / DC-51102
KVM extender 180m, local + remote

CAT 5 Audio Extender

Uses a simple Ethernet cable to extend audio and microphone signals

With the DIGITUS® CAT 5 Audio Extender you are able to extend audio stereo and microphone signals up to 300 meter away by using the Audio Extender and one CAT 5 cable.

- Extension of audio signals up to 300m
- Audio Out supports multimedia speakers, Headphones or Earphones
- Mic In supports Condenser Microphone and Dynamic Microphone
- Built-in Microphone preamplifier
- Microphone gain adjustable
- Package contents: 1x Audio Extender Local Unit, 1x Audio Extender Remote Unit, 1x user manual, 1x power adapter DC 9V/300mA, 1x Connection cable to the audio source



254768 / DC-56100
Cat 5 Audio Extender, 300m

VGA Splitter 400MHz

Provides simultaneous display on 16 different monitors - Perfect for classrooms, tradeshows, or in-store displays

Using a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Featuring a video bandwidth of 400MHz and a consequently high video resolution these video splitters can ideally be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations, and educational facilities.

- Video bandwidth: 400MHz
- Maximum resolution 2048x1536 pixels at 60Hz
- Built-in line amplifier, up to 65m
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- Video IN/OUT: HD DSUB, 15-pin, jacks
- Accessories: 1x video splitter, 1x manual, 1x power adaptor



255666 / DC-43115
VGA splitter 400MHz, 16-port

255659 / DC-43110
VGA splitter 400MHz, 8-port

255642 / DC-42110
VGA splitter 400MHz, 4-port

VGA Splitter 300MHz

Provides simultaneous display on eight different monitors - Perfect for classrooms, tradeshows, or in-store displays



Using a video splitter you can use one video source to display identical images on 2, 4, 8, or 16 monitors - or on even more screens by means of cascading. Thus, a video splitter can be used in various application fields, e.g. test bench facilities, data centers, help desks, video broadcasting, presentations and educational facilities.

- Video bandwidth: 300MHz
- Maximum resolution 1920x1440 pixels at 60Hz
- Built-in line amplifier, up to 65m
- DDC, DDC2, DDC2B support
- Cascadable (max. 64)
- Metal housing for better EMI shielding
- Video IN: 1x HD DSUB, 15-pin, plug
- Video OUT: 8x HD DSUB, 15-pin, jacks
- Accessories: 1x video splitter; 1x manual; 1x power adaptor



255628 / DC-43100
VGA splitter 300MHz, 8-port

255611 / DC-42100
VGA splitter 300MHz, 4-port

VGA Selector 250MHz, 8-Port

Easy and convenient video source selection by push button



A video selector allows you to choose and display one video signal out of several video sources.

- 8 inputs (PC), 1 output (monitor, beamer, etc.)
- Ideal for school classes, workshops, training rooms, etc.
- Maximum resolution 1920x1440 pixels at 60Hz
- Video bandwidth: 250MHz
- DDC, DDC2, DDC2B support
- OSD and remote control allow easy selection of PC
- Video input connections: HDSUB15/female
- Video output connection: HDSUB15/female
- Dimensions (L x W x H, weight): 200mm x 75mm x 45mm, 420g
- Package contents: 1 x video selector; 1 x user manual; 1 x power adaptor DC 9V 300mA



258254 / DS-46100
Video selector 250MHz, 8 inputs, 1x output

258247 / DS-45100
Video selector 250MHz, 4 inputs, 1x output

Video/Audio Matrix

Ideal for distributing video in classrooms, at exhibits, trade shows, demonstrations, and for multi-media presentations



Through the video/audio matrix DC-48101, you can display / play different images / audio signals to 4 screens / speakers (or earphones) through 4 PC. And you can also control the source of image / audio by selecting PC signal source 1~4 or turning off source input. Video/Audio matrix is ideal for test bench facilities, data center, help desks, video broadcasting, presentation, stock quotes, timetables, educational facilities, etc.

- Intelligent functionality
- Can be cascaded
- With 350 MHz pixel frequency, supports DDC, DDC2, DDC2B
- Supports VGA, SVGA, UXGA, QXGA resolutions
- Support Multi-Sync video type include RGBHV, RGsB, RGbS
- Support synchronization include positive, negative; TTL or 1Vpp level
- Four sets of 7-Segment LED can indicate the input setting status of input port quickly
- The output is compatible with standard VGA card
- Extends the video signal up to 65 meter (213 feet)
- The switches on panel can select PC signal source 1~4 as OUT 1 ~ 4 or turning off any signal I/O port / all I/O ports



233350 / DC-48101
Matrix Switch 4x4

Video/Audio Matrix

Ideal for distributing video in classrooms, at exhibits, trade shows, demonstrations, and for multi-media presentations



Using a Video/Audio Matrix you can display / play images / audio signals on up to 4 screens / speakers (or earphones) using 2 different PCs. It is also possible to control the sources of images.

- Intelligent functionality
- Can be cascaded
- Featuring 250MHz video bandwidth, suitable for DDC, DDC2, DDC2B
- Supports VGA, SVGA, UXGA, QXGA resolutions
- Can be used for Multi-Sync video types, including RGBHV, RGsB, RGbS
- Supports synchronizations, positive & negative; TTL or 1Vpp level
- VGA outputs compatible with standard VGA cards
- Extends video signal up to 65 meters (213 feet)
- Audio Frequency Response 20Hz~20KHz
- Using the switches on the front side you can turn on/off video signal sources and output signals (Out/All)
- Dimensions (L x W x H, weight): 130mm x 75mm x 42mm, 450g
- Package contents: 1x video/audio matrix, 1x user manual, 1x power adaptor DC 12V, 600mA



255697 / DC-47100
Video/audio matrix 2x2

255703 / DC-47101
Video/audio matrix 2x4

VGA Matrix Splitter, 250MHz

The convenient and complete video signal distributing solution



With this video matrix splitter it is possible to choose one video signal out of two video source and to display the signal on several monitors.

- 2 switchable inputs (PC), 4 outputs (Monitor)
- Built-in line amplifier, up to 65m
- Maximum resolution 1920x1440 pixels at 60Hz
- Video bandwidth 250MHz
- DDC, DDC2, DDC2B support
- Cascadable
- Video input connections: HDSUB15/female
- Video output connections: HDSUB15/female
- Dimensions (LxWxH; Weight): 130x75x42mm; 455g



279334 / DS-48110-1
VGA Video matrix, 2 inputs, 4 outputs

279327 / DS-47110-1
VGA Video matrix, 2 inputs, 2 outputs

VGA Booster, 65m

Boost a video signal in a way that the transmission is possible up to a distance of 65m.

- VGA line amplifier, up to 65m
- Maximum resolution 1920x1440 pixels at 60Hz
- Video bandwidth 300 MHz
- DDC, DDCB, DDC2B support
- Cascadable
- Video IN: HDSUB15/Male
- Video OUT: HDSUB15/Female
- Incl. power supply
- Dimensions (LxWxH; Weight): 97x56x26mm; 80g



285366 / DS-53900-1

VGA booster, 65m

VGA Extender over CAT 5

Uses simple Ethernet cable to extend VGA displays

Through the VGA Extender, you can use one PC to display identical image and extension of VGA signal up to various meter on monitor.

- VGA extension over CAT 5 cable
- Distance up to 80m between PC and monitor
- Video resolution up to 1280x1024 pixels at 60Hz
- Connection of one remote display
- Equalization length is adjustable
- VGA signal gain is adjustable
- Package contents: 1x VGA Extender Local Unit, 1x VGA Extender Remote Unit, 1x user manual, 1x power adapter DC 12V/600mA, 1x VGA cable 1.2m cable (HD DSUB, 15-pin, plug to plug)



Application Example S.220/221

255710 / DC-53100

VGA extender, 80m, single port

223894 / DC-53101

VGA extender, 180m, single port

223900 / DC-53401

VGA extender, local and remote port

VGA Extender / Splitter over CAT 5

Uses simple Ethernet cables to extend and distribute the VGA display signal

This VGA Extender makes it possible to extend your VGA signal by up to 300m and to display your PC's image on distant screens.

- VGA extension over CAT 5 cable
- Distance of up to 300m between PC and monitor
- Video resolution up to 1280x1024 pixel at 60Hz
- Possibility to connect one local monitor
- Connection of two remote displays over remote units (not within scope of delivery)
- Equalization length is adjustable
- VGA signal gain is adjustable



Application Example S.220/221

223917 / DC-53501

VGA extender, 2-port

223924 / DC-53601

VGA extender, 4-port

223931 / DC-53701

VGA extender, 8-port

VGA Extender-Remote unit

DIGITUS® original accessory

- Remote unit for video-extender for a reach up to 180m (DC-59301) or even up to 300m (DC-59302)
- Dimensions (LxWxH, Weight): 92x34x22mm, 140g
- Package contents: 1x Remote Unit, 1x user manual, 1x power adapter DC 12V/600mA



Application Example S.220/221

223948 / DC-59301

Remote unit for video-extender, 180m

255796 / DC-59302

Remote unit for video-extender, 300m

CAT 5 VGA Video distribution amplifier

Uses simple Ethernet cables to extend and distribute the VGA display signal

These products are suitable for dividing a signal from a CAT 5 VGA video extender as source to one local monitor connection and one, four or eight CAT 5 splitting ports.

- Distributes a CAT 5 VGA video signal
- Input: 1x RJ45, jack Connector
- Output: 1x VGA HD DSUB, jack connector, 1x, 4x or 8x RJ45, jack connector
- Max. Resolution 1280x1024 pixels at 60Hz
- Cable distance up to 300m
- Equalization length is adjustable
- VGA signal gain is adjustable
- Aluminum housing
- Dimension (LxWxH, Weight): DC-53402: 130x110,5x25mm, 285g, DC-53602/DC-53702: 200x111x25mm, 322g/340g
- Package contents: 1x VGA Video Distribution Amplifier, 1x user manual, 1x power adapter DC 12V/600mA



Application Example S.220/221

255741 / DC-53602

Cat 5 VGA Video distribution amplifier, 1+4 port

255758 / DC-53702

Cat 5 VGA Video distribution amplifier, 1+8 Port

VGA-RS232 Extender over CAT5

Extends VGA and RS232 signals without compromising signal quality

Using this VGA-RS232 extender you can receive a video signal and a RS232 control signal on a display in a distance of up to 300m.

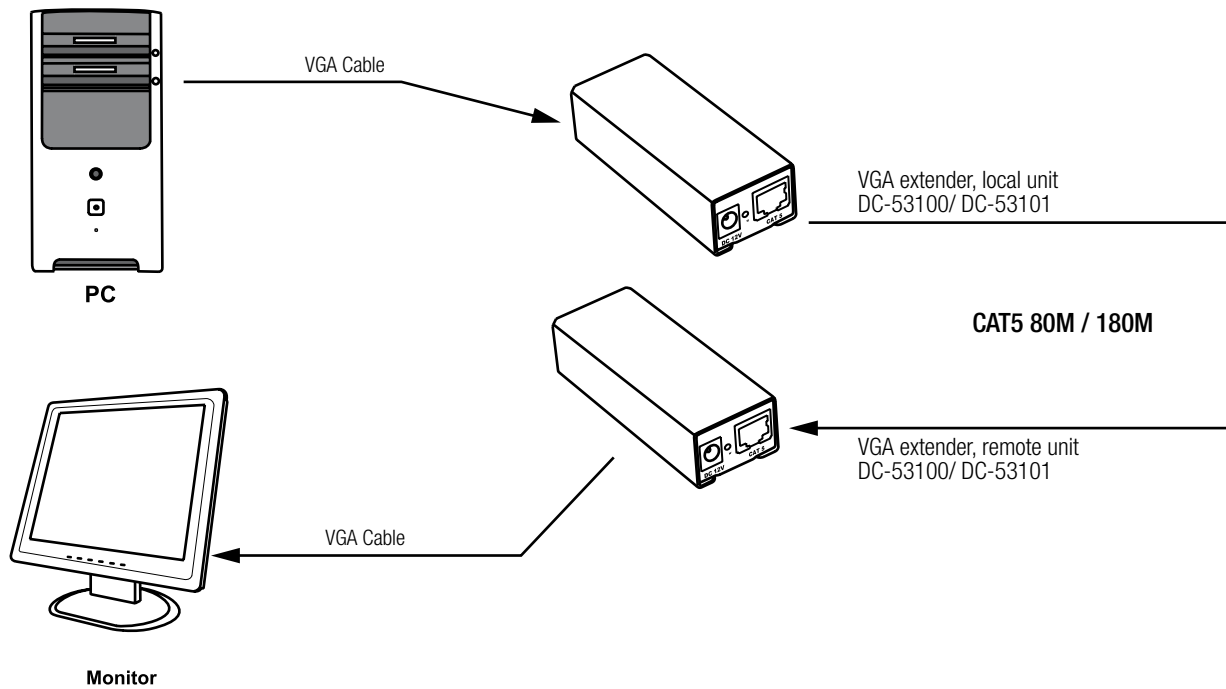
- VGA and RS232 extension over Cat 5 cable
- Distance of up to 300m between PC and monitor
- Video resolution up to 1280x1024 pixels at 60Hz
- Connection of one remote display
- Equalization length is adjustable
- VGA signal gain is adjustable
- RS232 supported: Tx, Rx, DTR, DSR, CTS, RTS (except CD, RI)
- RS232 Full duplex data communication with baud rates of up to 19200bps
- Pure hardware solution - real time data transfer, no software conflicts
- Transfers data, files, or signals to control peripherals between your PC and equipment
- Dimensions (L x W x H, weight): 93.5mm x 74mm x 26mm, 235g + 240g (local + remote)
- Package contents: 1 x VGA RS232 extender local unit, 1 x VGA RS232 extender remote unit, 1 x user manual, 1 x power adaptor DC 9V 600mA



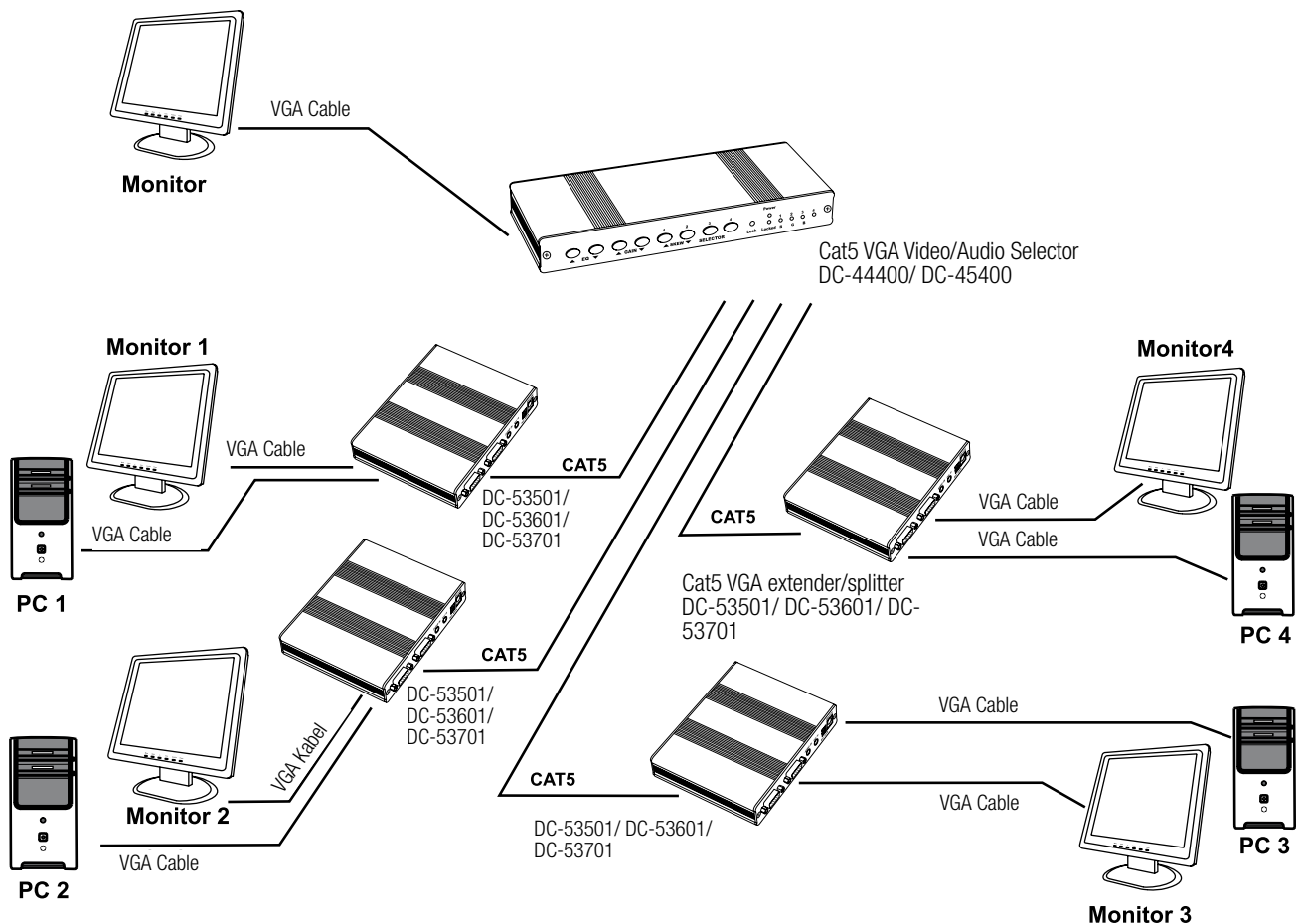
258124 / DS-52110

VGA-RS232 extender, 300m, single port

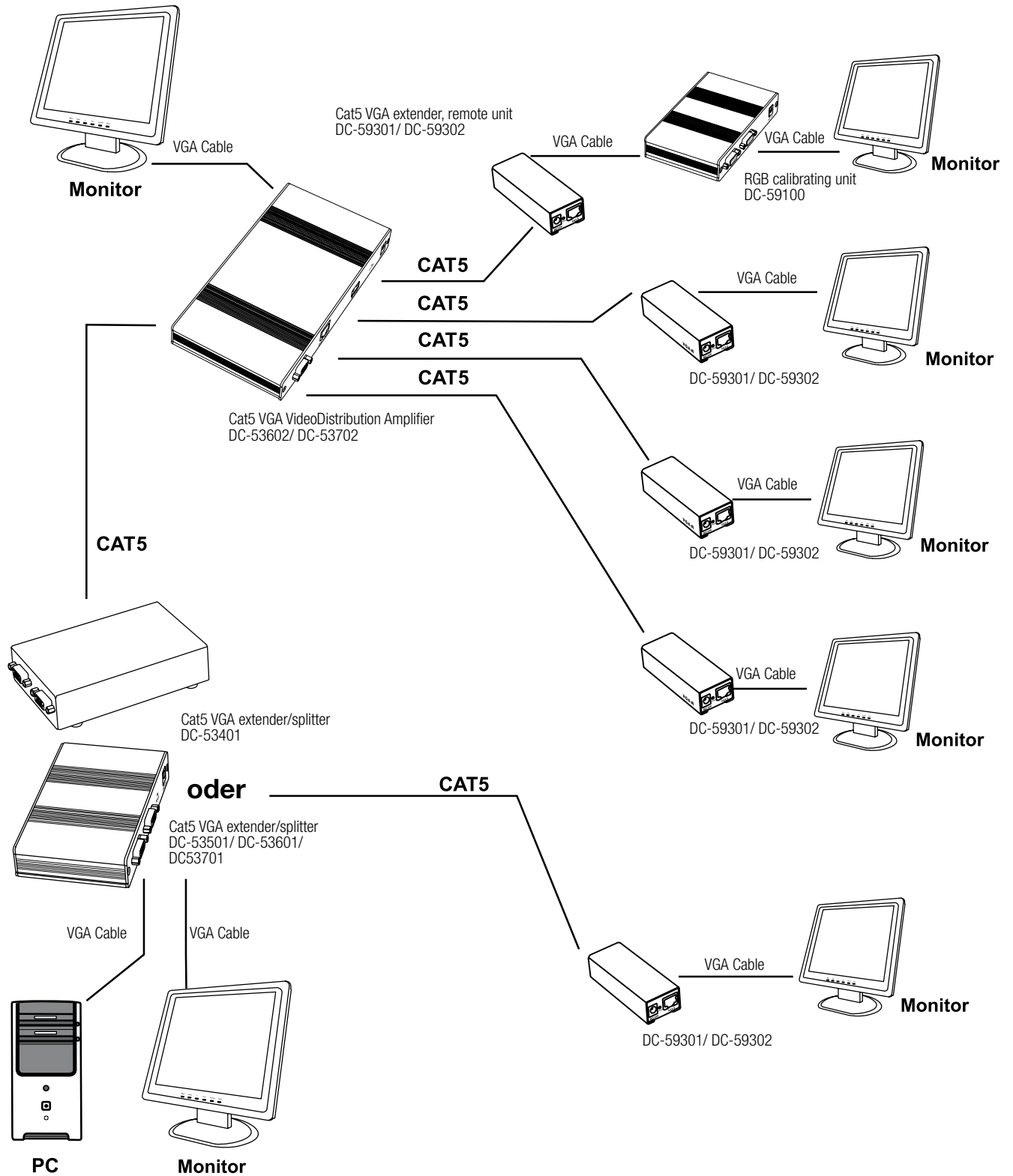
Examples of use 1 - CAT 5 VGA extender:



Examples of use 2 - CAT 5 VGA extender/splitter and CAT 5 VGA video selector:



Example of use 3 - CAT 5 VGA extender and extender/splitter with CAT 5 VGA video distribution amplifier and RGB skew calibrating unit:



CAT 5 VGA video/audio selector

DIGITUS® original accessory



With a Cat 5 VGA video selector it is possible to connect several local units of VGA extenders or of AV extenders using Cat 5 cables and then to select one out of various video / audio signals for an output on a VGA monitor / audio amplifier.

- Cat5 VGA video/audio selector
- Supports video resolutions of up to 1280x1024 pixels at 60Hz
- Equalization length is adjustable
- VGA signal gain is adjustable
- Supports digital transfer of audio signals, stereo
- Total delay: 62ns
- Delay step increments: 2ns
- Memorize function
- Keylock function
- Max. cable distance: 300m
- Dimensions (L x W x H, weight): 200mm x 86mm x 29mm, 320g
- Package contents: 1x Cat5 VGA video selector, 1x user manual, 1x power adaptor DC 12V/600mA



Application Example S.220/221

255673 / DC-44400

Cat 5 VGA video/audio selector, 2-port

Video RGB Skew calibrating unit

Reshapes the VGA video signal for a crisp and optimum screen display



For transmitted RGB signals over CAT 5 cable with more than 150 meter the skew delay becomes significant and a correction is necessary. Below 150 meter the delay is negligible. This unit allows a perfect skew delay correction of the video signals for a brilliant and sharp picture.

- Perfect RGB video skew delay correction
- Max. resolution 1280x1024 at 60Hz
- Total delay: 62ns
- Delay step increments: 2ns
- Memorize function
- Keylock function
- Aluminum housing
- Dimensions (LxWxH, Weight): 130x85x29.5mm, 225g
- Package contents: 1x calibrating unit, 1x user manual, 1x power adapter DC 12V/600mA, 1x VGA cable 1.2m (HD DSUB, 15-pin, plug to plug)



Application Example S.220/221

255765 / DC-59100

Video RGB Skew calibrating unit

DVI Video / Audio Splitter

Supports max. resolution of up to 1920x1200 pixels

With a DVI video/audio splitter it is possible to display a signal from a DVI video source on several monitors/speakers.

- DVI video/audio splitter, 8-port
- Supports max. resolution up to 1920x1200 pixels and Full HD 1080p
- Automatic power-save when Video input is lost
- Crisp clear video images
- LED indicators for signal activity monitoring
- Support EDID, HDCP and is Blu-ray ready
- Cascadable
- incl. rack mount brackets
- Input and Output connections: DVI-Female
- Dimension (DxWxH; Weight): 44x438x180mm; 2200g



286370 / DS-43211
DVI video/audio splitter, 8-port

286363 / DS-42211
DVI video/audio splitter, 4-port

286356 / DS-41211
DVI video/audio splitter, 2 port

DVI / Audio Switch

Easy and convenient video / audio source selection

The DVI video / audio switch allows choosing and displaying one DVI video signal out of several video sources.

- Several inputs (e.g. PC), 1 output (Monitor, Beamer etc.)
- Fully compliant with DVI-Digital
- Supports resolution up to 1920x1200 pixel or 1080p
- Audio enabled
- Source selection via front panel pushbuttons or IR remote control
- Ideal for school classes, workshops, training rooms, etc.
- DDC, DDC2, DDC2B support
- HDCP Support



286394 / DS-45211
DVI / Audio switch, 4 inputs, 1 output

286387 / DS-44211
DVI / Audio switch, 2 inputs, 1 output

DVI Selector

Easy and convenient video source selection by push button

A DVI video selector allows you to choose and display one DVI video signal out of several video sources.

- 4 inputs (PC), 1 output (monitor, beamer, etc.)
- Ideal for school classes, workshops, training rooms, etc.
- Combines video signal outputs, analogue and digital
- Maximum resolution 1280x1024 pixels
- Supports DDC2B in analogue video output modes
- Inputs: DVI-I, jacks
- Output: DVI-I, jack
- Dimensions (L x W x H, weight): 269mm x 104mm x 42mm, 975g
- Package contents: 1 x video selector, 1 x user manual; 1 x power adaptor DC 9V 300mA; 1 x 19" mounting frame with fixing materials



258353 / DS-45200
DVI selector, 4 inputs, 1 output

258315 / DS-44200
DVI selector, 2 inputs, 1 output

DVI Repeater, 50m

Boosts your DVI video signal up to a distance of 50m

The compact DVI repeater extends the possible transmission distance of any DVI-D signal up to a length of 50m to reach projectors or monitors. It automatically equalizes and compensates cables losses.

- DVI line amplifier extends digital video up to 50 meters
- Maintains multiple high definition resolutions up to 1080p or 1920 x 1200 for computers
- Video bandwidth 1.65Gbps/165MHz
- INPUT/OUTPUT connector: DVI-D female
- Easy to use, just Plug and Play



285687 / DS-54901
DVI repeater, 50m

DVI Extender over CAT 5

Extension of DVI signal up to 70 meter

The DVI CAT5 extender extends your PC DVI transmission distance up to 70 meters through a simple Cat 5 cable. The possible resolutions depend on the extended distance.

- DVI-D extension over Cat 5 cable
- Supports max. resolution up to 1920x1200 pixels at a distance of 50m
- Supports max. distance up to 70m at a resolution of 800x600 pixels
- No external power supply needed



285694 / DS-54101
DVI extender over CAT5; single port

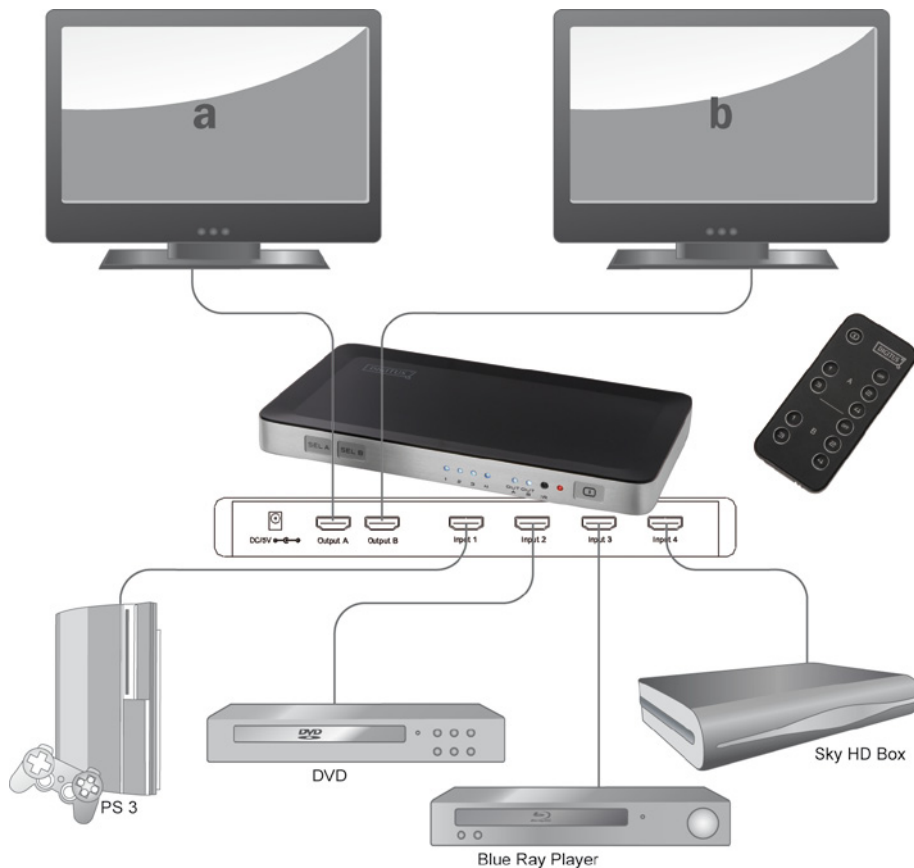
HDMI Matrix Switch, 4 x 2-Port

The convenient and complete HDMI distributing solution for Home Entertainment



This HDMI Matrix Switch combines the advantages of an ordinary HDMI switch and a HDMI splitter. It routes one or two HDMI video signals from four available inputs to one or two selectable HDMI displays. This offers highest versatility for all integrated systems. All inputs are adapted for high definition video sources like HD-DVD, receivers, set-top boxes, game consoles, etc.

- Switch easily between any of up to four HDMI sources
- Distributes any of the four inputs to any or any combination of the two HDMI output displays
- Multi-switching methods: intelligent automatic, IR remote control or by touch button
- Highest supported video resolution 1080p
- Compatible to High Speed HDMI (1.3b)
- Bandwidth: 225MHz/2.25Gbps per channel (6.75Gbps all channel)
- Supports 12bit per channel (36bit all channel) deep color
- Supports HDCP
- Supports uncompressed audio such as LPCM
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Dimensions (DxWxH; Weight): 128x220x25mm; 350g



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



HDMI Video Switch with integrated PC connection

The convenient HDMI switch solution for your entertainment and home cinema system with full PC integration!



The solution to integrate your notebook or PC seamlessly into your home entertainment system! This USB 2.0 4+1 port HDMI Switch offers four HDMI inputs, one USB input port and one HDMI output. With our DS-45310 you can easily select source between HDMI and USB 2.0 with the Remote Control or the manual button.

- The ideal solution for comprehensively equipped home cinema and entertainment systems with Blue-Ray Player, Mediaplayer, Play Station, Receiver etc.
- Four HDMI inputs, one USB 2.0 input and HDMI output
- Offers connection options for up to four devices with HDMI output and one PC via USB 2.0 interface to the HDMI compatible television, monitor or beamer
- Enables simple and seamless integration of a PC or notebook into the home cinema system via USB 2.0 connection
- Share full HD video and audio from the computer on an HDTV
- HDMI max resolution up to 1920x1080p (Full HD)
- 225MHz/2.25Gbps per channel (6.75Gbps all channels) bandwidth
- 12bit per channel (36bit all channels) deep color
- 3D all formats, including 1080p@23.98/24Hz, 720p@59.94/60Hz/50Hz
- Supports Windows 7, Vista, XP and Mac OS X



306085 / DS-45310

HDMI Video Switch with integrated PC connection

8-Port HDMI Video Splitter

The best choice for carrying and splitting the HDMI signal to more than one display



With the DIGITUS® HDMI splitter you can supply several HDMI displays from only one HDMI device.

- Splits one HDMI video input signal to eight outputs
- Easy to install and simple to operate
- Support HDMI High Speed
- Video resolution 1920x1080 pixel, supports 480i, 576i, 1080i, 480p, 576p, 720p, 1080p
- Support 3D all format, including 1080p@23.98/24Hz, 720p@59.94/60Hz/50Hz
- Bandwidth 225MHz/2.25Gbps per channel (6.75Gbps all channel)
- Deep color 12bit per channel (36bit all channel)
- HDCP Support
- Supports uncompressed audio such as LPCM, DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)



268987 / DS-43300

8-Port HDMI Video Splitter

Professional HDMI Repeater



Extends the HDMI signals up to 35m - ideal for HDMI signal distribution and digital signage

Extends the max. length of HDMI cable up to 35M by regenerating the HDMI signal before it sends the outputs to the HDMI monitor or projector. Furthermore according to the length of HDMI cable the special designed EQ can be adjusted to reach the best transmission function.

- HDMI High Speed Repeater for up to 35m
- Video resolution up to 1080p
- Supports 3D all format, including 1080p@23.98/24Hz, 720p@59.94/60Hz/50Hz
- Bandwidth 225MHz/2.25Gbps per channel (6.75Gbps all channel)
- Deep color 12bit per channel (36bit all channel)
- HDCP pass through
- Supports uncompressed audio such as LPCM, DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- 8 levels of equalization settable by turning EQ from 0 to 7, so that support different length of HDMI cable between 1m to 35m



269014 / DS-55901
Professional HDMI Repeater

DVI/HDMI Video Extender over Fibre Optic



The DIGITUS® DVI/HDMI Video Extender over fibre optic enables you to extend the video and audio signal up to a distance of 800m (DS-55800) / 1000m (DS-55810) with only one single fibre optic cable. The efficient fibre optic technology guarantees high speed transmission, optimal video resolutions, security and noise immunity.

- Supports max. video resolution of Full HD (1920 x 1080), WUXGA (1920 x 1200) and UXGA (1600 x 1200)
- HDTV Standard
- HDMI 1.3b and HDCP compliant
- Supports Blue-Ray
- Provides IR (infrared) extending function
- No software or driver installation required
- Completely free of electromagnetic interferences (EMI)



307013 / DS-55800
DVI/HDMI Video Extender over Fibre Optic, multi-mode, 800m

309826 / DS-55810
DVI/HDMI Video Extender over Fibre Optic, single-mode, 1000m

HDMI Video Extender



Easy and convenient distribution for HDMI signals - Place your displays wherever you want without HDMI cable limitations

Extends the max. length of HDMI cable up to 50m by using a simple network cable between a transmitter and a receiver unit.

- Cat 5 HDMI extender consisting of transmitter and receiver unit
- Video resolution up to 1080p
- For extension up to 50 meters
- Follow the standard of IEEE-568B
- Bandwidth 165MHz/1.65Gbps per channel (4.95Gbps all channel)
- Deep color 8bit per channel (24bit all channel)
- HDCP pass through
- Auto-adjustment of feedback, equalization and amplify
- Support uncompressed audio such as LPCM



277774 / DS-55100
HDMI Video Extender, Cat5/6

HDMI Video Extender with POE



The DIGITUS® HDMI Video Extender transmits digital video and audio signals up to 330 feet (100 meters) using one CAT5e/6 cable. Each video extender consists of a local unit that connects to an HDMI source and optional IR Transmitter, and a remote unit that connects to an HDMI display and optional IR receiver. It also provides POE function that you only need one power adapter at the end of the transmitter to supply the power both the end of the transmitter and receiver.

- Extends the max. length of HDMI cable up to 100m by using a simple network cable between a transmitter and a receiver unit.
- Cat 5 HDMI extender consisting of transmitter and receiver unit
- Video resolution up to 1080p
- For extension up to 100 meters
- Optional support for Infrared Remote (IR) control
- Deep color 12bit per channel (36bit all channel)
- Bandwidth 340MHz/3.4Gbps per channel (10.2Gbps all channel)
- HDCP pass through
- 3D pass through
- CEC pass through
- Support uncompressed audio such as LPCM
- Support POE (Power over Ethernet)
- Support compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- Powered from a single power supply
- Follow the standard of IEEE-568B



309444 / DS-55400
HDMI Video Extender, Cat5/6

Video Solutions

Multimedia VGA/Audio to HDMI Converter

Shows a VGA video signal on a HDMI display, like your home TV

Converts VGA input into HDMI and allows PC users to enjoy their image on HDMI TV. The conversion is along with the stereo audio. It offers solutions for digital entertainment center, HDTV, STB, DVD, Projectors and many more.

- Converts PC's VGA video and stereo audio signals into a HDMI compliant signal
- Suitable for video resolutions up to 1280x1024 pixel
- Bandwidth 165MHz/1.65Gbps per channel (6.75Gbps all channel)
- Color depth 8bit per channel (24bit all channel)
- Supports HDCP
- Dimensions (LxWxH; weight): 88 x 68 x 25.5mm; 68g



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



268994 / DS-40130

Multimedia VGA/Audio zu HDMI Converter

Multimedia HDMI to VGA/Audio Converter

Shows a HDMI video signal on a VGA display and offers separate audio

Converts HDMI input into one VGA and one audio signal and allows users to use modern players also with older VGA displays. The conversion is along with the stereo audio, too. It offers solutions for digital entertainment center, HDTV, STB, DVD, Projectors and many more.

- Converts a HDMI signal into VGA video and R/L audio complete (2 channels LPCM)
- Video resolutions up to UXGA (1600x1200 pixel) and 1080p
- Bandwidth 165MHz/1.65Gbps per channel (6.75Gbps all channel)
- HDCP 1.2 compatible
- Dimensions (LxWxH; weight): 88 x 68 x 25.5mm; 68g



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



283881 / DS-40310

Multimedia HDMI zu VGA/Audio Converter

Multimedia DVI/Audio to HDMI Converter

Combines digital video (DVI) and analog audio into one HDMI signal

Converts DVI and analog audio input into HDMI and allows users to enjoy and to seamlessly integrate their image into the modern home theaters by meeting the ideal image of the HDMI HDTV. The conversion is along with the stereo audio. It offers solutions for digital entertainment center, HDTV, STB, DVD, Projectors and many more.

- Converts DVI video and R/L audio into complete HDMI
- Video resolutions up to 1080p
- Bandwidth 225MHz/2.25Gbps per channel (6.75Gbps all channel)
- Deep color 12bit per channel (36bit all channel)
- HDCP 1.2 compatible
- Dimensions (LxWxH; Weight): 88x68x25.5mm; 68g
- HDMI Standard Highspeed HDMI
- Dimensions (LxWxH): 1920 x 1080 Pixel



HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE



287346 / DS-40230

Multimedia DVI/Audio zu HDMI Converter

Active Network Components

Active Network- & Security Technology

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Fast Ethernet print server, parallel

Easily turns a workplace printer into a network printer for all connected users

- Complies with IEEE 802.3, IEEE 802.3u Wired Ethernet standards
- One parallel port suitable for printer connections
- Supports TCP/IP, IPX/SPX, NetBEUI, and AppleTalk network protocols
- Supports LPR, IPP, SMB/TCP, Raw Printing, and Unix Logical printing protocols
- Supports peer-to-peer printing (TCP/IP/IPX/NetBEUI/AppleTalk)
- Supports server based printing (Novell NetWare and Windows)
- Compatible with all major operating systems: Windows 98 / ME / NT / 2000 / XP / Vista / NetWare 3.x and higher / Unix / Linux
- Supports DHCP server and client protocols
- Supports web based management, Windows configuration utility, and SNMP protocol
- Offers a simple installation procedure, setup programs and diagnostic programs
- Incl. power supply



209782 / DN-13001-W
Fast Ethernet print server, parallel

Fast Ethernet print server, USB 2.0

Easily turns a workplace printer into a network printer for all connected users

- Complies with IEEE 802.3, IEEE 802.3u Wired Ethernet standards
- One USB 2.0 port suitable for printer connections
- Supports TCP/IP, IPX/SPX, NetBEUI, and AppleTalk network protocols
- Supports LPR, IPP, SMB/TCP, Raw Printing, and Unix Logical printing protocols
- Supports peer-to-peer printing (TCP/IP/IPX/NetBEUI/AppleTalk)
- Supports server based printing (Novell NetWare and Windows)
- Compatible with all major operating systems: Windows 98 / ME / NT / 2000 / XP / Vista / NetWare 3.x and higher / Unix / Linux
- Supports DHCP server and client protocols
- Supports web based management, Windows configuration utility, and SNMP protocol
- Offers a simple installation procedure, setup programs and diagnostic programs
- Incl. power supply



221913 / DN-13003-W
Fast Ethernet print server, USB 2.0

278016 / DN-13014-2
Wireless LAN print server with USB 2.0 interface

3-Port Fast Ethernet print server

Easily turns a workplace printer into a network printer for all connected users

- Complies with IEEE 802.3, IEEE 802.3u Wired Ethernet standards
- Offers two USB 2.0 ports and one parallel port suitable for printer connections
- Supports TCP/IP, IPX/SPX, NetBEUI, Rendezvous, AppleTalk, and IPv6 network protocols
- Supports LPR, IPP, SMB/TCP, Raw Printing and Unix Logical printing protocols
- Supports peer-to-peer printing (TCP/IP/IPX/NetBEUI/AppleTalk)
- Supports server based printing (Novell NetWare and Windows)
- Compatible with all major operating systems: Windows 98 / ME / NT / 2000 / XP / Vista / NetWare 3.x and higher / Unix / Linux
- Supports DHCP server and client protocols
- Supports web based management and the Windows configuration utility
- Offers a simple installation procedure, setup programs and diagnostic programs
- Incl. power supply



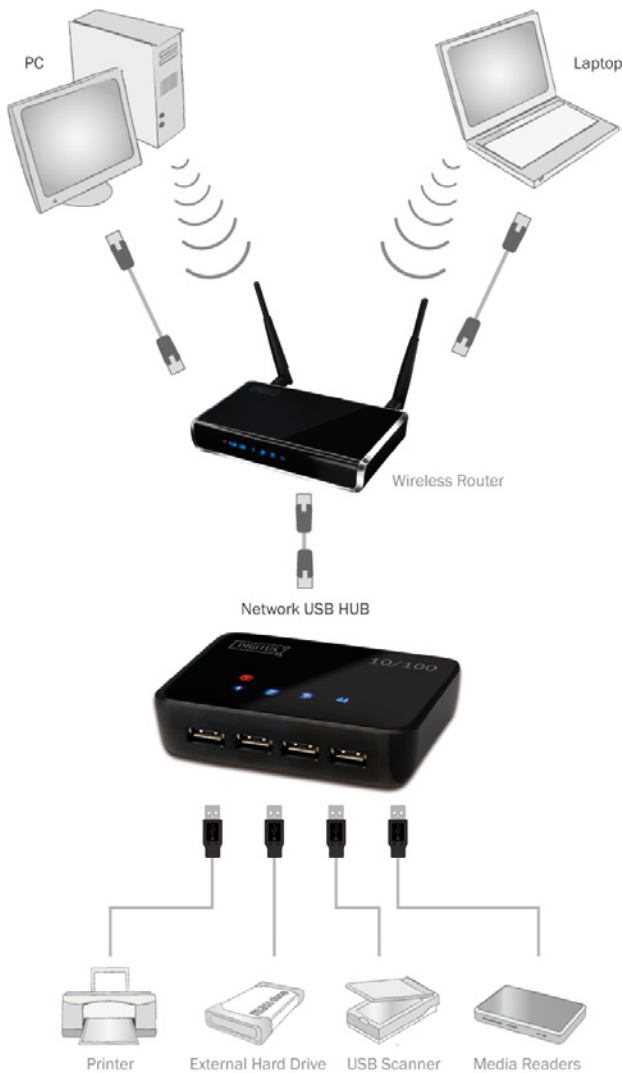
221883 / DN-13006-W
Fast Ethernet print server, 2-port USB, 1-port parallel



Fast Ethernet network USB hub

Use and share USB devices over the network - wherever you want

- Easy configuration over web-interface
- Integrates 4 USB 2.0 high speed devices in the network
- No differences compared to directly connected devices
- Supports printers, USB speakers, hard drives, flash memory drives, card readers as well as a lot of other devices
- Monitoring the connected USB devices over a web browser or the included software
- Use the connected USB devices with any computer in the network, whether the connection is done via cable or wireless
- 4 x USB 2.0 Ports
- Downwards compatible to legacy USB devices
- LAN: 10/100 Mbps
- DHCP Client for easy network configuration
- Supports Windows 7, Vista and XP



287896 / DN-13009-1
Fast Ethernet network USB hub

276593 / DN-13010
4-port Gigabit network USB hub

USB 2.0 Multifunction Network Server

The all-in-one Solution: Integrated Print Server,
NAS and Network USB Hub

- Print Server - ideal for multifunction Printers
- NAS - connect your storage drives and turn it into a Network Attached Storage. Access your data over the network and internet. Wherever you want!
- Network USB Hub - connect and use USB devices over the network. No more cable hassle for Mobile Users!
- Supports all kind of printers, scanners, DVD drives, storages, cameras, webcams, digital TV tuners, iPods, iPads, iPhones and many more...
- Offers FTP, SMB and CIFS Server
- Provides 1 USB 2.0 Port, extension by USB Hub supported
- LAN: 10/100Mbps
- Supports Windows 7, Vista, XP and Mac OS X
- Easy setup through web browser



DN-13020



DN-13021



DN-13022



DN-13023



292913 / DN-13020
1-Port USB 2.0 Multifunction Network Server

292920 / DN-13021
1-Port USB 2.0 Wireless Multifunction Network Server

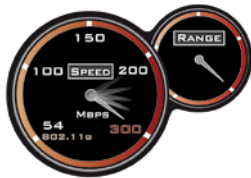
292937 / DN-13022
4-Port USB 2.0 Multifunction Network Server

292944 / DN-13023
4-Port USB 2.0 Wireless Multifunction Network Server

RedRapid X Wireless Modem Router

All you need for Internet access and networking in one smart package

- Integrated modem ITU-T G.992.3 G.992.4 G.992.5 (ADSL2 / ADSL2+)
- Downstream up to 24Mbps and upstream up to 1Mbps
- Compatible to ADSL
- Wireless LAN Speed up to 300 Mbps
- Supported Standards 802.11b/g/n Wireless LAN
- Transmission in the 2.4GHz frequency band
- Offers Access Point and Universal Repeater
- Advanced Security Features with WPA2/WPA/WEP Encryption, Firewall, MAC Filter and Protection against DoS-Attacks
- Supports WPS (WiFi Protected Setup) - Push button for auto connection to a wireless adapter (adapter must support this feature)
- 2 detachable antennas with RP-SMA connector
- A hardware switch offers switching on/off of the Wireless LAN
- Integrated Router
- Connection: 4x RJ45 LAN, 1x RJ11 ADSL
- Advanced Features: Virtual Server, DMZ, DDNS, VPN pass through, Web User Interface, Port Trigger, Port Forwarding, Upgradeable Firmware



278061 / DN-7060

RedRapid X Wireless 300N ADSL+ Modem Router, Annex B

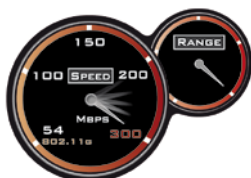
285618 / DN-7060-A

RedRapid X Wireless 300N ADSL+ Modem Router, Annex A

BlackRapid N+ Wireless Access Point / Router

Offers incredible speed, range and wide coverage to your wireless network - ideal for HD video streaming, Multimedia and Gaming

- Wireless LAN Speed up to 300 Mbps
- Supported Standards 802.11b/g/n Wireless LAN
- Transmission in the 2.4GHz frequency band
- Offers Access Point, Client Mode, Universal Repeater and WDS functions
- Advanced Security Features with WPA2/WPA/WEP Encryption, Firewall, MAC Filter and Protection against DoS-Attacks
- Supports WPS (WiFi Protected Setup) - Push button for auto connection to a wireless adapter (adapter must support this feature)
- 2 detachable antennas with RP-SMA connector
- A hardware switch offers switching on/off of the Wireless LAN
- Integrated Router
- Connection: 4x RJ45 LAN, 1x RJ45 WAN
- Advanced Features: Virtual Server, DMZ, DDNS, VPN pass through, Web User Interface, Port Trigger, Port Forwarding, Upgradeable Firmware
- Additional Features: PPPoE, Static IP, PPTP, DHCP, NAT



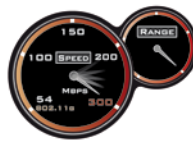
262190 / DN-7059-1

BlackRapid N+, 300N Router

WhiteRapid N+ PoE Access Point

Features PoE - no need for power cables, simplifies the installation

- Wireless LAN Speed up to 300 Mbps
- Supported Standards 802.11b/g/n Wireless LAN
- Transmission in the 2.4GHz frequency band
- Offers Access Point, Client Mode, Universal Repeater and WDS functions
- Supports four sets of ESSID to group the different wireless networks
- Advanced Security Features with WPA2/WPA/WEP Encryption, Firewall, MAC Filter and Protection against DoS-Attacks
- Supports WPS (WiFi Protected Setup) - Push button for auto connection to a wireless adapter (adapter must support this feature)
- 2 detachable antennas with RP-SMA connector
- Connection: 1x RJ45 LAN
- Configuration via Web Interface
- Complies with the 802.3af PoE standard
- Two power supply options: Use Power over Ethernet (PoE) or the included power adapter



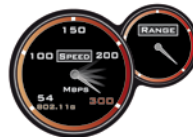
278054 / DN-7058

WhiteRapid N+ PoE Access Point

Wireless 300N USB antenna adapter

Most flexible with detachable antenna

- High speed data rate with up to 300Mbps
- Complies with 2.4GHz 802.11n and downwards compatible with IEEE 802.11g/b standards
- Detachable 3dBi antenna with RP-SMA connector
- Advanced Security Features with WPA2/WPA/WEP Encryption
- Suitable for all common network environments
- Supports WPS (WiFi Protected Setup)
- Compatible to USB 1.1 and USB 2.0 interface
- Status LEDs for Link and data transfer
- 1 Transmission Channel / 2 Receiver Channels
- Supports Windows 7, Vista, XP, Mac OS X and Linux



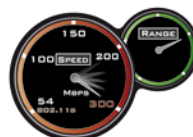
307341 / DN-70540

Wireless 300N USB antenna adapter

Wireless 300N USB adapter

Provides further coverage, less dead spot and higher throughput for the best online and multimedia experience

- High speed data rate with up to 300Mbps
- Complies with 2.4GHz 802.11n and downwards compatible with IEEE 802.11g/b standards
- Supports WPS (WiFi Protected Setup) - Push button for auto connection to the network
- Supports 64/128-bit WEP, WPA and WPA2 Encryption
- Suitable for all common network environments
- Product dimensions: (W x D x H): 2.4cm x 5.2cm x 1.0cm
- 2 Antennas (1T2R)
- Supports Windows 7, Vista, XP, Mac OS X and Linux



285328 / DN-7053-2

Wireless 300N USB adapter

Wireless 300N ExpressCard adapter

Experience superior Wireless connectivity with high-speed and extended coverage - ideal for HD video streaming and rich multimedia applications

This ExpressCard adapter complies with 802.11n next generation wireless standard. Utilizing the advanced MIMO technology, it can support the data transmission rate of up to 300Mbps and the coverage distance is far than IEEE 802.11g/b products. Stable wireless connection and high bandwidth enable you to enjoy rich media network applications without any interruption.

- High-speed data rate – up to 300Mbps
- Complies with 2.4GHz 802.11n and downwards compatible with IEEE 802.11g/b standards
- Supports 64/128-bit WEP Encryption and WPA-PSK, WPA2-PSK Security
- Suitable for all common network environments
- Supports advanced MIMO technology, enhancing the throughput and coverage range significantly
- Supports QoS-WMM, WMM-PS function to meet the multimedia data bandwidth requirements
- Supports WPS (WiFi Protected Setup)
- ExpressCard interface
- Status LEDs for Link and data transfer
- Supports Windows 7, Vista and XP



221876 / DN-7052

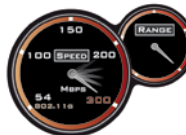
Wireless 300N ExpressCard adapter

Wireless 300N PCI adapter, 3 antennas

Experience superior Wireless connectivity with high-speed and extended coverage - ideal for HD video streaming and rich multimedia applications

This PCI adapter complies with 802.11n next generation wireless standard. Utilizing the advanced MIMO technology, it can support the data transmission rate of up to 300Mbps and the coverage distance is far than IEEE 802.11g/b products. Stable wireless connection and high bandwidth enable you to enjoy rich media network applications without any interruption.

- High-speed data rate – up to 300Mbps
- Complies with 2.4GHz 802.11n and downwards compatible with IEEE 802.11g/b standards
- Supports 64/128-bit WEP Encryption and WPA-PSK, WPA2-PSK Security
- Suitable for all common network environments
- Supports advanced MIMO technology, enhancing the throughput and coverage range significantly
- Supports QoS-WMM, WMM-PS function to meet the multimedia data bandwidth requirements
- Supports WPS (WiFi Protected Setup)
- 32-bit PCI interface
- Status LEDs for Link and data transfer
- 3 Antennas (2T3R)
- Supports Windows 7, Vista and XP



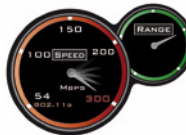
221845 / DN-7056

Wireless 300N PCI adapter, 3 antennas

Wireless 300N PCI adapter, 2 antennas

Maximize your Wireless Network in range and speed with the 802.11n standard

- High-speed data rate with up to 300Mbps
- Complies with 2.4GHz 802.11n and downwards compatible with IEEE 802.11g/b standards
- Supports WPS (WiFi Protected Setup) - Push button for auto connection to the network
- Supports 64/128-bit WEP, WPA and WPA2 Encryption
- Suitable for all common network environments
- 32-bit PCI interface
- Status LEDs for Link and data transfer
- Supports Windows 7, Vista, XP and Mac OS 10.x



279600 / DN-7066-1

Wireless 300N PCI adapter, 2 antennas

Wireless 150N USB adapter

Smallest Wireless LAN USB Adapter - Plug it in once and forget about it!

- High-speed data rate with up to 150Mbps
- Complies with 2.4GHz 802.11n and downwards compatible with IEEE 802.11g/b standards
- Supports 64/128-bit WEP, WPA and WPA2 Encryption
- Suitable for all common network environments
- Product dimension: (W x D x H): 1.4cm x 1.8cm x 0.6cm
- Compatible to USB 1.1 and USB 2.0 interface
- Status LEDs for Link and data transfer
- 1 antenna (1T1R)
- Supports Windows 7, Vista, XP and Mac OS 10.x



301691 / DN-7042-1
Wireless 150N USB adapter

Wireless 150N USB antenna adapter

Most flexible with detachable antenna

- High-speed data rate with up to 150Mbps
- Complies with 2.4GHz 802.11n and downwards compatible with IEEE 802.11g/b standards
- Detachable 3dBi antenna with RP-SMA connector
- Advanced Security Features with WPA2/WPA/WEP Encryption
- Suitable for all common network environments
- Supports WPS (WiFi Protected Setup)
- Compatible to USB 1.1 and USB 2.0 interface
- Status LEDs for Link and data transfer
- 1 Transmission Channel / 1 Receiver Channel
- Supports Windows 7, Vista, XP, Mac OS X and Linux



307358 / DN-70440
Wireless 150N USB antenna adapter

Wireless 150N USB adapter

Enjoy proven Wireless N speed and reliability in a compact design

- High-speed data rate with up to 150Mbps
- Complies with 2.4GHz 802.11n and downwards compatible with IEEE 802.11g/b standards
- Supports 64/128-bit WEP, WPA and WPA2 Encryption
- Suitable for all common network environments
- Product dimensions: 59mm x 19mm x 9mm
- USB 2.0 compliant
- 1 antenna (1T1R)
- Realtek Chipset
- Supports Windows 7, Vista, XP, Mac OS X and Linux

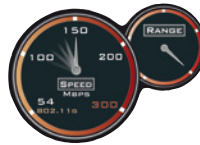


291640 / DN-7045
Wireless 150N USB adapter

Wireless 150N USB antenna adapter

Best Wireless LAN connectivity and coverage due to the integrated high performance antenna

- High-speed data rate with up to 150Mbps
- Complies with 2.4GHz 802.11n and downwards compatible with IEEE 802.11g/b standards
- Integrated 3 dBi antenna
- Supports 64/128-bit WEP, WPA and WPA2 Encryption
- Suitable for all common network environments
- Supports QoS-WMM, WMM-PS function to meet the multimedia data bandwidth requirements
- Supports WPS (WiFi Protected Setup) - Push button for auto connection to the network
- Compatible to USB 1.1 and USB 2.0 interface
- Status LEDs for Link and data transfer
- 1 antenna (1T1R)
- Supports Windows 7, Vista, XP and Mac OS 10.x



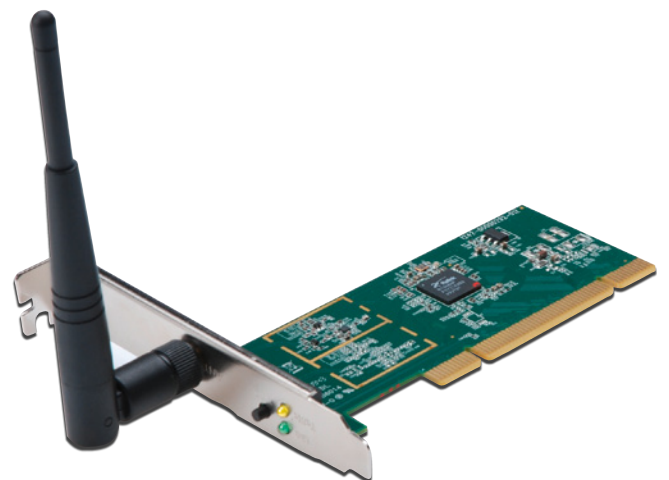
262909 / DN-7044
Wireless 150N USB adapter

264569 / DN-7044-1
Wireless 150N USB adapter with USB docking ball

Wireless 150N PCI adapter

Up to three times faster than Wireless G solutions!

- High-speed data rate with up to 150Mbps
- Complies with 2.4GHz 802.11n and downwards compatible with IEEE 802.11g/b standards
- Supports WPS (WiFi Protected Setup) - Push button for auto connection to the network
- Supports 64/128-bit WEP, WPA and WPA2 Encryption
- Suitable for all common network environments
- 32-bit PCI interface
- Status LEDs for Link and data transfer
- Supports Windows 7, Vista, XP and Mac OS 10.x



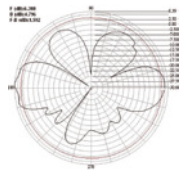
279617 / DN-7046-1
Wireless 150N PCI adapter

Wireless LAN rod antenna



Expands the Wireless LAN in range and coverage - Improves the wireless signal quality

- Wireless LAN high performance rod antenna
- Frequency range: 2.4GHz - 2.4835GHz
- Gain: 5dBi (reception)
- Omnidirectional
- Suitable for 2.4GHz Wireless LAN
- Connection via RP-SMA socket
- Length: 19.7cm, diameter: 12mm
- Suitable for all DIGITUS® Wireless LAN products
- Suitable stands for antenna: DN-70101 or DN-70106



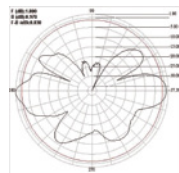
179221 / DN-70100
Wireless LAN rod antenna, 5 dBi

Wireless LAN rod antenna



Expands the Wireless LAN in range and coverage - Improves the wireless signal quality

- Wireless LAN high performance rod antenna
- Frequency range: 2.4GHz - 2.4835GHz
- Gain: 7 dBi (reception)
- Omnidirectional
- Suitable for 2.4GHz Wireless LAN
- Connected via RP-SMA socket
- Length: 30cm
- Diameter: 1.3cm
- Suitable for all DIGITUS® Wireless LAN products
- Suitable stand: DN-70106



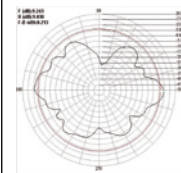
200550 / DN-70104
Wireless LAN rod antenna, 7 dBi

Wireless LAN rod antenna



Expands the Wireless LAN in range and coverage - Improves the wireless signal quality

- Wireless LAN high performance rod antenna
- Frequency range: 2.4GHz - 2.4835GHz
- Omnidirectional
- Gain: 9 dBi (reception)
- Suitable for 2.4GHz Wireless LAN
- Connected via RP-SMA socket
- Length: 38.5cm
- Diameter: 1.3cm
- Suitable for all DIGITUS® Wireless LAN products
- Suitable stand: DN-70106



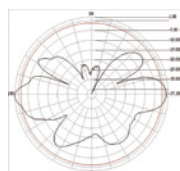
200567 / DN-70105
Wireless LAN rod antenna, 9 dBi

Wireless LAN flat antenna



Expands the Wireless LAN in range and coverage - Improves the wireless signal quality

- Wireless LAN high performance flat antenna
- Frequency range: 2.4GHz - 2.4835GHz
- Gain: 5 dBi (reception)
- Omnidirectional
- Suitable for 2.4GHz Wireless LAN
- Connection via RP-SMA socket
- Dimensions: 16.5x2.6x0.6cm
- Delivery includes hook and loop fastener
- Suitable for use with all DIGITUS® Wireless LAN products



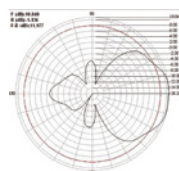
233497 / DN-70107
Wireless LAN flat antenna, 5dBi

Wireless LAN patch antenna



Expands the Wireless LAN in range and coverage - Improves the wireless signal quality

- Wireless LAN high performance patch antenna
- Frequency range: 2.4GHz - 2.4835GHz
- Gain: 10dBi (reception)
- Directional antenna
- Suitable for 2.4GHz Wireless LAN
- Connection via RP-SMA socket
- Dimensions: 10cm x 7.5cm x 2.2cm
- Adjustable wall bracket and adaptor included in delivery
- Can be used indoors and outdoors
- Suitable for all DIGITUS® Wireless LAN products



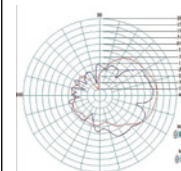
187530 / DN-70102
Wireless LAN patch antenna, 10 dBi

Wireless LAN sector antenna



Expands the Wireless LAN in range and coverage - Improves the wireless signal quality

- Wireless LAN heavy-duty sector antenna
- Frequency range: 2.4GHz - 2.4835GHz
- Gain: 12dBi (reception)
- Impedance: 50 ± 5
- Directional antenna
- Polarization: Vertical
- Weight: 300g ± 20g
- Connector type: RP-SMA socket
- Cable Type: RG-316
- Cable length: 1m
- Dimension: 23.3x11x5cm



192749 / DN-70103
Wireless LAN sector antenna, 12 dBi

Magnetic stand for Wireless LAN antennas



Expands the Wireless LAN in range and coverage - Improves the wireless signal quality

- Suitable for 2.4 GHz Wireless LAN - for all DIGITUS® Wireless LAN Products
- RP-SMA connectors
- Strong magnetic metal stand
- Cable length 1.50m
- Low loss cable



271192 / DN-70101-1
Magnetic stand for Wireless LAN antennas

Stand for Wireless LAN antennas



Expands the Wireless LAN in range and coverage - Improves the wireless signal quality

- Suitable for 2.4 GHz Wireless LAN - for all DIGITUS® Wireless LAN Products
- RP-SMA connectors
- Cable length: 0.75m
- Low loss cable



200574 / DN-70106
Stand for Wireless LAN antennas

Wireless LAN coaxial cable CFD200 - low loss



- SMA reversed jack to SMA reversed plug
- Signal loss 0,3dB/m
- Gold plated contacts
- CFD200 coaxial cable



285083 / DB-560200-010-S
Wireless LAN coaxial cable 1m, low loss

285144 / DB-560200-020-S
Wireless LAN coaxial cable 2m, low loss

285151 / DB-560200-030-S
Wireless LAN coaxial cable 3m, low loss

285168 / DB-560200-050-S
Wireless LAN coaxial cable 5m, low loss

285175 / DB-560200-100-S
Wireless LAN coaxial cable 10m, low loss

Antenna adapter RP TNC to RP SMA



- Antenna adapter to connect RP SMA antenna with devices based on RP TNC connector
- TNC male reverse to SMA female reverse
- Length 5cm
- To connect some types of Linksys router with standard antenna



285182 / DB-560400-005-S
Antenna adapter RP TNC to RP SMA

Antenna adapter IPEX to SMA



- Antenna adapter to connect SMA antenna with devices based on IPEX connector
- IPEX to SMA female reverse
- Length 10cm
- For example to connect a Fritzbox router with standard antenna

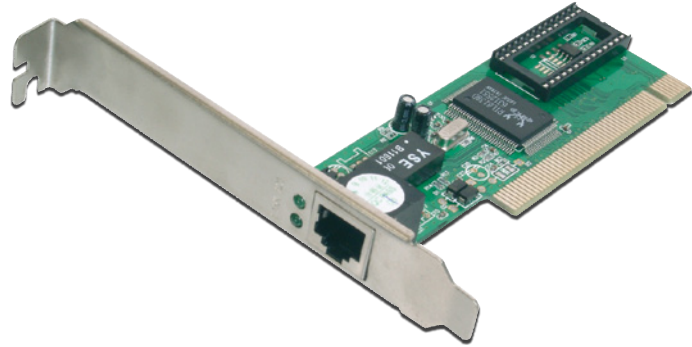


285199 / DB-560401-010-E
Antenna adapter IPEX to SMA

Fast Ethernet PCI network card

Turns your Desktop PC into a high-bandwidth workstation or a power server running at full-duplex speed

- Realtek chipset
- IEEE 802.3 and IEEE 802.3u compatible
- Supports 20/200 Mbps full duplex
- PCI Local Bus Rev. 2.1 and 2.2 compatible
- Suitable for all typical network environments



228677 / DN-1001J

Fast Ethernet PCI network card

Fast Ethernet USB 2.0 adapter

Easily connect your computer, game console, or other device to a wired network

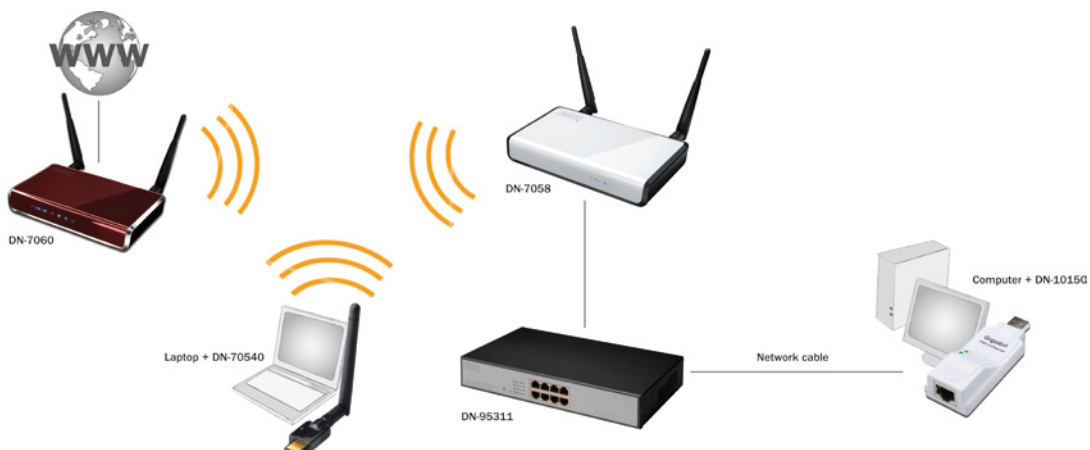
- Ethernet IEEE 802.3 10BaseT compatible
- USB 2.0 high speed (up to 100Mbps)
- 1 x RJ45 port, USB female type A
- Chipset: MCS7832
- Plug and play
- Power supply via USB bus
- Suitable for all typical network environments
- Supports Windows 7, Vista, XP, Mac OS X and Linux



287889 / DN-10050

Fast Ethernet USB 2.0 adapter

ASSMANN connects! One-Stop-Shopping Network Products!



BlackRapid 100 Switch

Expand your home network - Adds up to five network devices like computers, printers, game consoles, hard disks, cameras, etc.

- Housing in DIGITUS® design
- IEEE 802.3 and IEEE 802.3u compatible
- 20/200Mbit full duplex
- Automatic speed and half/full duplex detection/ configuration
- Store and forward architecture
- Auto MDI/MDI-X function
- Noiseless design - without fan
- External power supply



251729 / DN-50011
5-Port Fast Ethernet BlackRapid 100 Switch

251736 / DN-50021
8-port Fast Ethernet BlackRapid 100 Switch

Fast Ethernet N-Way 5-port desktop switch

- 5-port 10/100Mbps Fast Ethernet Switch
- Compliant to the network standards IEEE 802.3 and IEEE 802.3u
- Auto-Negotiation for 10/100Mbps
- Auto-MDI/MDI-X for cable detection
- Advanced store-and-forward packet switching ensures an optimized data transfer
- Noiseless design - without fan



DN-50012



DN-50022



272786 / DN-50012
Fast Ethernet N-Way 5-port desktop switch

272793 / DN-50022
Fast Ethernet N-Way 8-port desktop switch

Fast Ethernet N-Way 8-port switch

Ideal for sharing workgroups with multiple high-speed servers!

- 8-port RJ45 10/100Base-TX
- Compatible to the following standards: IEEE 802.3 and 802.3u
- Store and forward architecture
- 2K MAC addresses
- Support to handle up to 1522 bytes packet size
- Status LEDs for Link and data transfer
- Auto-Negotiation for 10/100Mbps
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- Compact size, wall-mountable design
- Internal power adapter 100-240V AC, 50/60Hz, 0.2A



4711213684746 / FSD-805
Fast Ethernet N-Way 8-port switch

Fast Ethernet N-Way 8-port switch with shared SC Fiber port

Ideal for sharing workgroups with multiple high-speed servers!

- 8-port RJ45 10/100Base-TX
- One shared 100Base-FX SC interface for up to 2km (Multi-mode fiber 50µm/125µm)
- Compatible to the following standards: IEEE 802.3 and 802.3u
- Store and forward architecture
- 2K MAC addresses
- Support to handle up to 1522 bytes packet size
- Status LEDs for Link and data transfer
- Auto-Negotiation for 10/100Mbps
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- Compact size, wall-mountable design
- Internal power adapter 100-240V AC, 50/60Hz, 0.2A



4711213686146 / FSD-805SC
Fast Ethernet N-Way 8-port switch with shared SC Fiber port

Fast Ethernet Switch N-Way 16-port

Ideal for sharing workgroups with multiple high-speed servers!



- 16 RJ45 ports
- Up to 20/200 Mbps in Full Duplex Mode
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3az and 802.3x
- Very low power consumption due to the EEE (Energy Efficient Ethernet) Technology
- Automatic Cable detection - Auto MDI / MDI-X function
- 8K MAC addresses
- Auto-Negotiation of full- and half-duplex
- Power, Link/Active, Speed indicators for network status
- Shielded Metal Housing
- Noiseless design - without fan
- Built-in Power Supply
- Suitable for rack mount (incl. mounting bracket)
- 483mm (19") Rack Mount Kit included



293422 / DN-60011-1
Fast Ethernet Switch N-Way 16 Port

Fast Ethernet N-Way 24-port switch

Ideal for sharing workgroups with multiple high-speed servers!



- 24 RJ45 ports
- Up to 20/200 Mbps in Full Duplex Mode
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3az and 802.3x
- Very low power consumption due to the EEE (Energy Efficient Ethernet) Technology
- Automatic Cable detection - Auto MDI / MDI-X function
- 8K MAC addresses
- Auto-Negotiation of full- and half-duplex
- Power, Link/Active, Speed indicators for network status
- Shielded Metal Housing
- Noiseless design - without fan
- Built-in Power Supply
- Suitable for rack mount (incl. mounting bracket)



293439 / DN-60021-1
Fast Ethernet N-Way 24-port switch

Fast Ethernet N-Way 24-port switch with 2-port Gigabit Uplink

Ideal for sharing workgroups with multiple high-speed servers!

- Green Ethernet for energy saving
- 24-port RJ45 10/100Base-TX
- 2-port RJ45 10/100/1000Base-T Gigabit Ethernet Uplink
- Compatible to the following standards: IEEE 802.3, IEEE 802.3u and IEEE 802.3ab
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- IEEE 802.1p Class of Service traffic control
- Automatic Cable detection - Auto MDI / MDI-X function
- 8K MAC addresses
- High performance Store and Forward architecture
- Suitable for rack mount (incl. mounting bracket)



309956 / FGSW-2620

Fast Ethernet N-Way 24-port switch with 2-port Gigabit Uplink

Fast Ethernet N-Way 48-port switch

Ideal for sharing workgroups with multiple high-speed servers!

- 48-port RJ45 10/100Base-TX
- Compatible to the following standards: IEEE 802.3 and 802.3u
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- Automatic Cable detection - Auto MDI / MDI-X function
- 8K MAC addresses
- 2.5 Mbit Buffer Memory
- High performance Store and Forward architecture
- Supports up to 1522 bytes packet and 802.1Q VLAN
- Suitable for rack mount (incl. mounting bracket)



309970 / FNSW-4800

Fast Ethernet N-Way 48-port switch

Fast Ethernet Web Smart 24 port Switch, 2 Gigabit Combo ports

Highest bandwidth and performance for professional demands. Superior manageability via Web!

- Web Smart Switch
- 24-port RJ45 10/100Base-TX
- 2 Gigabit Combo Ports (RJ45 or Fiber SFP modules)
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1Q, 802.1D and 802.1w
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- IEEE 802.1p Class of Service traffic control
- Automatic Cable detection - Auto MDI / MDI-X function
- 4K MAC addresses
- QoS support
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- 802.1x Port Authentication
- High performance Store and Forward architecture
- SNMPv1, Network Management
- Built-in Web-based management
- Suitable for rack mount (incl. mounting bracket)



309963 / FGSW-2620CS

Fast Ethernet Web Smart 24 port Switch, 2 Gigabit Combo ports

Fast Ethernet Web Smart 24 port Switch, 4 Gigabit ports

Highest bandwidth and performance for professional demands. Superior manageability via Web!

- Web Smart Switch
- 48-port RJ45 10/100Base-TX
- 2-port RJ45 10/100/1000Base-T
- 2-port SFP Slot
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1Q and 802.1D
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- IEEE 802.1p Class of Service traffic control
- Automatic Cable detection - Auto MDI / MDI-X function
- 8K MAC addresses
- QoS support
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- High performance Store and Forward architecture
- Built-in Web-based management
- Suitable for rack mount (incl. mounting bracket)



309949 / FGSW-4840S

Fast Ethernet Web Smart 24 port Switch, 4 Gigabit ports

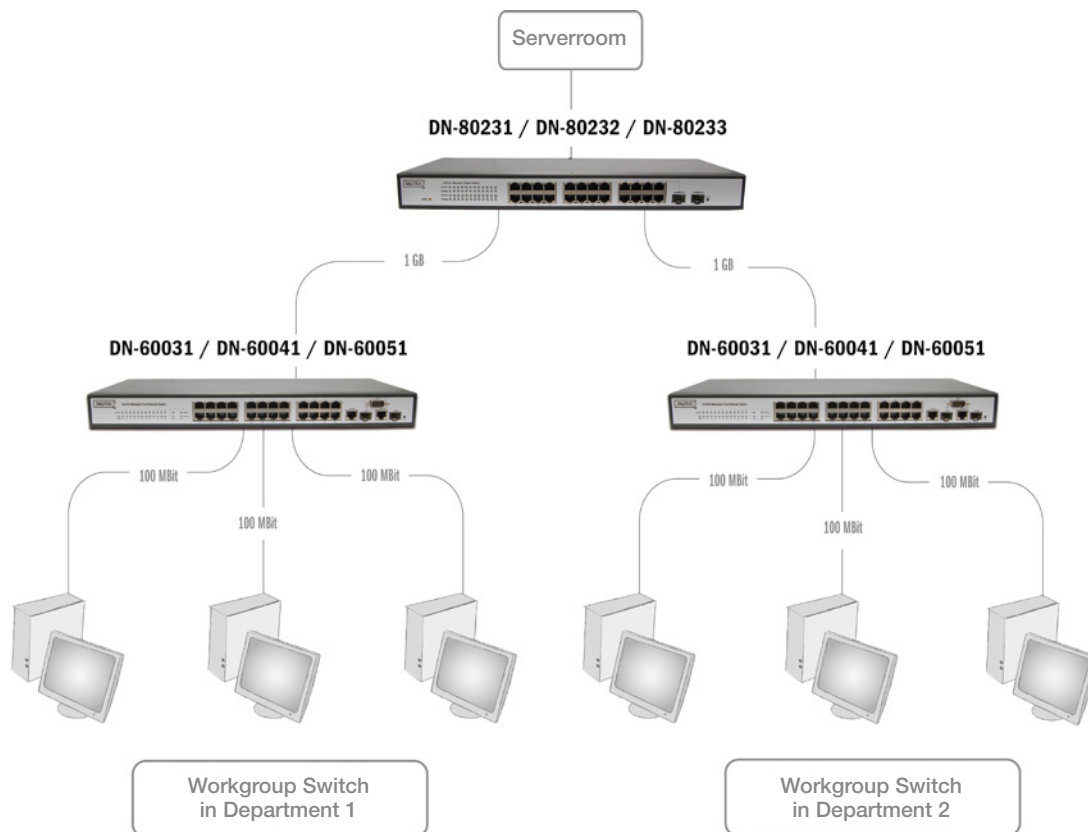
Layer 2 managed Fast Ethernet 24 port Switch, 2 Combo ports



Full bandwidth and performance for office network environments

The DIGITUS® Workgroup Switches are easy to install and optimized for growing businesses. The support of the Simple Network Management Protocol and the Remote Monitoring standard is the easiest way of integration into the existing network and the existing surveillance software. The Quality of Service function allows a dynamic bandwidth usage and the Flow-Control as well as the Store and Forward technology ensure a safe data transmission. Two Gigabit combo ports, where RJ45 ports or fibre SFP ports can be chosen to use and a data throughput of 8.8 Gigabit per second offer enough power for now and for the future.

- Layer 2 Managed Switch
- 24x RJ45 ports
- 2x Gigabit combo Ports (RJ45 or Fiber SFP modules)
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3x and 802.3z
- Flow Control
- Store and Forward technology
- Auto MDI / MDI-X function
- 8K MAC addresses
- 384KB buffer memory
- 8.8 Gbps throughput
- QoS-Support
- Port Mirroring for efficient network surveillance
- Port Trunking for Bandwidth Aggregation
- Management via console, web or telnet
- SNMP, RMON support
- Suitable for Rack Mount, inclusive 483mm (19") mounting angles



Layer 2/4 managed Fast Ethernet 24 port Switch, 2 Combo ports

Full bandwidth and performance for office network environments

The managed Ethernet Switch, PLANET FGSW-2620VM has an excellent reputation from SMB and enterprise market and been identified as a high C/P (cost / performance) product. With a huge variety of Features and Management functions the Switch fulfils all requirements of a Professional Usage.

- Layer 2/4 Managed Switch
- 24-port RJ45 10/100Base-TX
- 2-port Gigabit Uplink with 2 RJ45 / SFP ports
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3z, 802.3ab, 802.3x, 802.3ad, 802.1d, 802.1w, 802.1p, 802.1Q and 802.1x
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- IEEE 802.1p Class of Service traffic control
- Automatic Cable detection - Auto MDI / MDI-X function
- 8K MAC addresses
- QoS support
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- High performance Store and Forward architecture
- SNMP v1 and v2c Network Management
- L2 / L3 / L4 Access Control List (ACL)
- Built-in Web-based management
- Suitable for rack mount (incl. mounting bracket)



310020 / FGSW-2620VM
Layer 2/4 managed Fast Ethernet 24 port Switch, 2 Combo ports

Layer 2/4 managed Fast Ethernet 48 port Switch, 4 port Gigabit Uplink

Full bandwidth and performance for office network environments

With up to 17.6Gbps non-blocking switch fabric and 48 high density ports design, the WGSW-5242 is able to easily provide the stable bandwidth required for both now and future.

- Layer 2/4 Managed Switch
- 48-port RJ45 10/100Base-TX
- 2-port RJ45 10/100/1000Base-T
- 2-port Gigabit Uplink with 2 RJ45 / SFP ports
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3z, 802.3ab, 802.3x, 802.3ad, 802.1d, 802.1w, 802.1s, 802.1p, 802.1Q, 802.1x and 802.1ad
- IEEE 802.3x full-duplex/half-duplex back-pressure flow control
- IEEE 802.1p Class of Service traffic control
- Automatic Cable detection - Auto MDI / MDI-X function
- 8K MAC addresses
- QoS support
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- High performance Store and Forward architecture
- SNMP v1, v2c and v3 Network Management
- L2 / L3 / L4 Access Control List (ACL)
- Built-in Web-based management
- Suitable for rack mount (incl. mounting bracket)

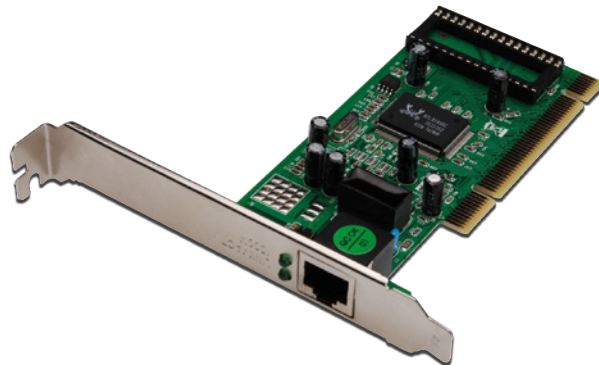


310037 / WGSW-5242
Layer 2/4 managed Fast Ethernet 48 port Switch, 4 port Gigabit Uplink

Gigabit Ethernet PCI network card

Unprecedented speed is now available over your existing network cabling - Built to run the fastest network applications

- Supports 10/100/1.000 Mbps auto negotiation
- IEEE 802.3, IEEE 802.3u, IEEE 802.3ab compatible
- IEEE 802.3x full-duplex Flowcontrol
- Supports Autonegotiation and Crossover detection
- Realtek chipset
- PCI Local Bus Master Rev.2.1 and 2.2 compatible
- Suitable for all common network environments
- Supports Windows 7, Vista, XP and Mac OS 10.x

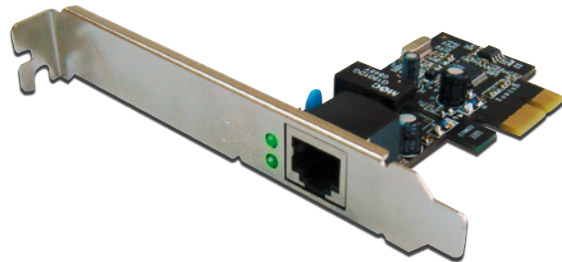
**DIGITUS****223542 / DN-1011-1**

Gigabit Ethernet PCI network card

Gigabit Ethernet PCI Express network card

Unprecedented speed is now available over your existing network cabling - Built to run the fastest network applications

- Compliant with 10/100/1.000 IEEE 802.3 specification
- Supports 10/100/1.000 Mbps auto negotiation
- Chipset: Realtek RTL8111DL
- Supports Auto MDI/MDIX crossover at all speed
- Compliant with PCI Express Base Specification 1.0a
- Installable in any available PCI Express slot with different lane widths
- Supports Wake On LAN (WOL) power management
- Supports Windows 7, Vista, XP and Mac OS 10.x

**DIGITUS****PCI EXPRESS****276555 / DN-1013-2**

Gigabit Ethernet PCI Express network card

Gigabit Ethernet PCI Express network card

PLANET

Unprecedented speed is now available over your existing network cabling - Built to run the fastest network applications

- 1x 1000Base-SX / LX SFP slot
- PCI Express x1 Host Bus interface
- 9KB Jumbo Frames
- IP, TCP checksum offloading
- IEEE 802.1Q Tagged VLAN
- Low Power Consumption
- Windows XP/2003, Vista/2008, Win7, Linux and MAC OS X Ready

**PCI EXPRESS****309734 / ENW-9701**

Gigabit Ethernet PCI Express network card

USB 2.0 to Gigabit Ethernet Adapter

Integrate your computer into a Gigabit Ethernet network!

This USB to Gigabit Ethernet adapter enables you to convert any USB port to an Ethernet port. Thanks to this, you can connect your PC or notebook easily to your home network system or internet router. Therefore, you can share data within your network and enjoy multiplayer gaming.

- Ethernet IEEE 802.3, 802.3u and 802.3ab (10Base-T, 100Base-TX and 1000 Base-T) compatible, with auto negotiation
- Auto-MDI(X) capable (straight and cross network cable auto-detection)
- Supports USB 2.0 Full Speed and High Speed (USB bus powered)
- Supports „Full-duplex“ and „Half-duplex“ operation
- LAN 7500 chipset
- 1 x RJ-45 (STP) port, USB female type A
- USB bus powered, plug and play
- LED status indicators
- Suitable for all common network environments
- Supports Windows 7, Vista, XP, Mac OS X and Linux



306313 / DN-10150

USB 2.0 to Gigabit Ethernet Adapter

Gigabit Ethernet ExpressCard

Unprecedented speed is now available over your existing network cabling - Built to run the fastest network applications

The DIGITUS® GIGABIT ExpressCard connects your Notebook to the world of GIGABIT LAN speed!

- 1 x RJ 45 connector for 10/100/1000Mbps transmissions
- Chipset: Realtek 8111DL
- ExpressCard, form factor 34
- Supports Full Duplex flow control
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Fully compliant with ExpressCard Specification 1.0
- Supports Wake On LAN (WOL) power management (optional)
- LEDs indicate activity and data transmissions
- Supports Windows 7, Vista and XP



276562 / DN-10141-1

Gigabit Ethernet ExpressCard

BlackRapid 1000 Switch

Brings Gigabit speed and bandwidth to your existing network

- DIGITUS® housing design
- IEEE802.3 Ethernet, IEEE802.3u Fast Ethernet, IEEE802.3ab Gigabit Ethernet compatible
- Automatic speed and half / full duplex recognition / adjustment
- 20 / 200 / 2000 Mbit in full duplex mode
- Auto MDI / MDI-X function
- Noiseless design - without fan
- External power supply



251750 / DN-80071
5-port Gigabit Ethernet BlackRapid 1000 Switch

251743 / DN-80061
8-port Gigabit Ethernet BlackRapid 1000 Switch

Gigabit Switch N-Way

Best for quick and easy network expansion!

- 5-port 10/100/1000Mbps Gigabit Ethernet Switch
- Compliant to the network standards IEEE 802.3, IEEE 802.3u and IEEE 802.3ab
- Auto-Negotiation for 10/100/1000Mbps
- Auto-MDI/MDI-X for cable detection
- Advanced store-and-forward packet switching ensures an optimized data transfer
- Noiseless design - without fan
- External power supply



293453 / DN-80072
Gigabit Switch N-Way 5-port

293446 / DN-80062
Gigabit Switch N-Way 8-port

Gigabit Ethernet 16-port Switch

Ideal for sharing workgroups with multiple high-speed servers!



- 16-port 10/100/1000Mbps Gigabit Ethernet Switch
- Compliant to the network standards IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and IEEE 802.3x
- Provides non-blocking, non-head-of-line forwarding
- Supports back pressure and bandwidth control on each port
- Advanced store-and-forward packet switching ensures an optimized data transfer
- Auto-Negotiation for 10/100/1000Mbps
- Auto-MDI/MDI-X for cable detection
- Noiseless design - without fan
- Provides 16K MAC address and 4 Mbit RAM buffer
- Power, Link/Active, Speed indicators for network status
- 483mm (19") Rack Mount Kit included



293460 / DN-80100
Gigabit Ethernet 16-port Switch

Gigabit Ethernet 24-port Switch

Ideal for sharing workgroups with multiple high-speed servers!



- 24-port 10/100/1000Mbps Gigabit Ethernet Switch
- Compliant to the network standards IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and IEEE 802.3x
- Provides non-blocking, non-head-of-line forwarding
- Supports back-pressure and 802.3x Flow Control
- Advanced store-and-forward packet switching ensures an optimized data transfer
- Auto-Negotiation for 10/100/1000Mbps
- Auto-MDI/MDI-X for cable detection
- Noiseless design - without fan
- Provides 16K MAC address and 4 Mbit RAM buffer
- Power, Link/Active, Speed indicators for network status
- 483mm (19") Rack Mount Kit included



293477 / DN-80110
Gigabit Ethernet 24-port Switch

Gigabit Ethernet 8 Port Switch, 2 Combo Ports

Highest bandwidth and performance for
professional demands

- 8 Port 10/100/1000BaseTX
- 2 shared SFP ports
- Automatic speed and half / full duplex recognition / adjustment
- 20 / 200 / 2000 Mbit in full duplex mode
- Auto MDI / MDI-X function
- Internal power supply
- Noiseless design - without fan
- Inclusive Mounting Accessories for Rack Installation



291954 / DN-80065

Gigabit Ethernet 8 Port Switch, 2 Combo Ports

PLANET

Discover much more PLANET Products on:

www.assmann.com

- Switches
- IP Camera
- Power of Ethernet
- Wireless LAN
- Media Converter
- Industrial Ethernet

Gigabit Ethernet Web Smart 8 port Switch

Highest bandwidth and performance for professional demands.
Superior manageability via Web!

- Web Smart Switch
- 8 RJ45 ports
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.1Q, 802.3x, 802.3ad, 802.1d, 802.1w, 802.1p and 802.1x
- Auto-MDI/MDI-X for cable detection
- 8K MAC addresses
- QoS support
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- 802.1x Port Authentication
- SNMPv1, Network Management
- Built-in Web-based management
- Suitable for rack mount (incl. mounting bracket)



4711213680175 / GSD-800S
Gigabit Ethernet Web Smart 8 port Switch

**Gigabit Ethernet Web Smart 8 port Switch,
2 Combo ports**

Highest bandwidth and performance for professional demands.
Superior manageability via Web!

- Web Smart Switch
- 8 RJ45 ports
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1Q and 802.3x
- Auto MDI / MDI-X function
- 8K MAC addresses
- QoS support
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- 802.1x Port Authentication
- SNMPv1, Network Management
- Built-in Web-based management
- Noiseless design - without fan
- Suitable for rack mount (incl. mounting bracket)



291930 / DN-80201
Gigabit Ethernet Web Smart 8 port Switch, 2 Combo ports

Gigabit Ethernet Web Smart 16 port Switch, 4 Combo ports

Highest bandwidth and performance for professional demands. Superior manageability via Web!

- Web Smart Switch
- 16 RJ45 ports
- 4 shared SFP ports
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1Q and 802.3x
- Auto MDI / MDI-X function
- 8K MAC addresses
- 4 QoS classes
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- 802.1x Port Authentication
- SNMPv1, Network Management
- Built-in Web-based management
- Suitable for rack mount (incl. mounting bracket)



283508 / DN-80211

Gigabit Ethernet Web Smart 16 port Switch, 4 Combo ports

Gigabit Ethernet Web Smart 24 port Switch, 4 Combo ports

Highest bandwidth and performance for professional demands. Superior manageability via Web!

- Web Smart Switch
- 24 RJ45 ports
- 4 shared SFP ports
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1Q and 802.3x
- Auto MDI / MDI-X function
- 8K MAC addresses
- 4 QoS classes
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- 802.1x Port Authentication
- SNMPv1, Network Management
- Built-in Web-based management
- Suitable for rack mount (incl. mounting bracket)



283522 / DN-80221

Gigabit Ethernet Web Smart 24 port Switch, 4 Combo ports

283508 / DN-80211

Gigabit Ethernet Web Smart 16 port Switch, 4 Combo ports

IPv6 Gigabit Ethernet Web Smart 16 port Switch, 2 Combo ports



Highest bandwidth and performance for professional demands. Superior manageability via Web!

- Gigabit Ethernet Web Smart IPv6 Switch
- IPv6 and IPv4 Dual Protocol - Future Proof
- 16 RJ45 ports
- 2 shared SFP ports
- 9 KB Jumbo Frames
- Store and Forward technology
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1Q, 802.3x, 802.1x, 802.3ad, 802.1d, 802.1w and 802.1p
- Auto MDI / MDI-X function
- 16K MAC addresses
- 8 QoS classes
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- 802.1x Port Authentication
- SNMP v1 and v2c Network Management
- Built-in Web-based management
- Suitable for rack mount (incl. mounting bracket)



307273 / DN-80212

IPv6 Gigabit Ethernet Web Smart 16 port Switch, 2 Combo ports

IPv6 Gigabit Ethernet Web Smart 24 port Switch, 2 Combo ports



Highest bandwidth and performance for professional demands. Superior manageability via Web!

- Gigabit Ethernet Web Smart IPv6 Switch
- IPv6 and IPv4 Dual Protocol - Future Proof
- 24 RJ45 ports
- 2 shared SFP ports
- 9 KB Jumbo Frames
- Store and Forward technology
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1Q, 802.3x, 802.1x, 802.3ad, 802.1d, 802.1w and 802.1p
- Auto MDI / MDI-X function
- 16K MAC addresses
- 8 QoS classes
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- 802.1x Port Authentication
- SNMP v1 and v2c Network Management
- Built-in Web-based management
- Suitable for rack mount (incl. mounting bracket)



307280 / DN-80222

IPv6 Gigabit Ethernet Web Smart 24 port Switch, 2 Combo ports

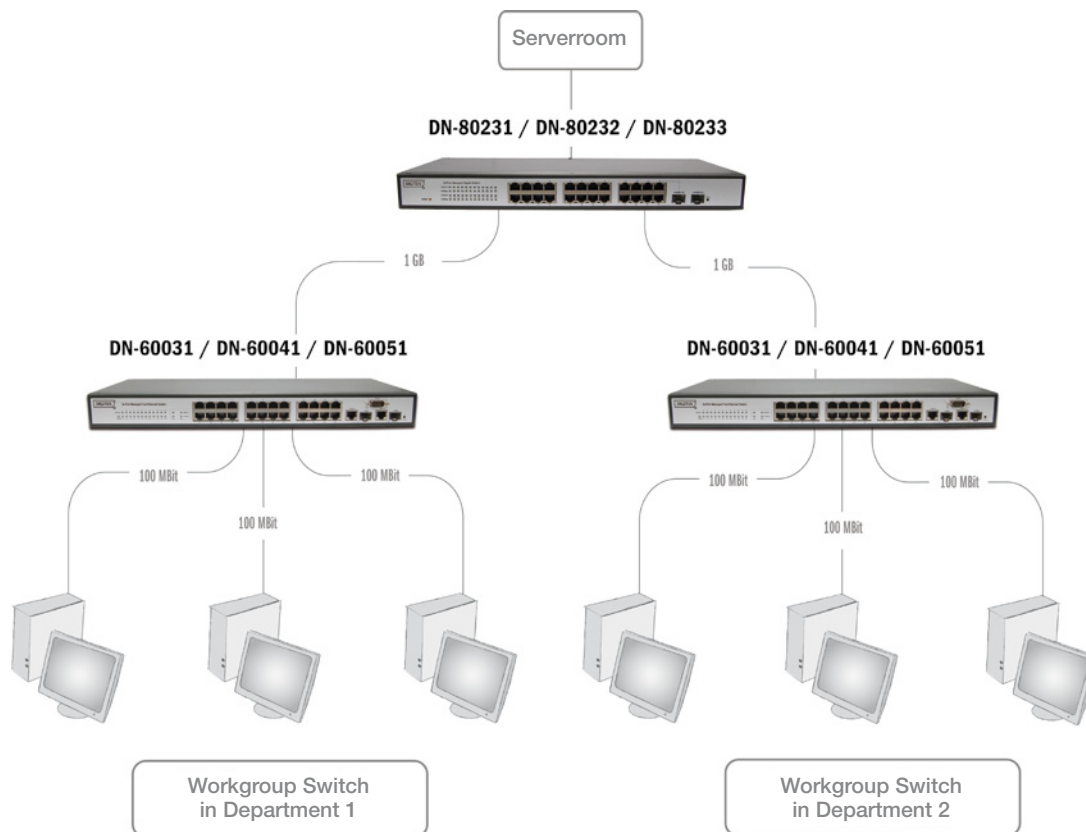
Layer 2 managed Gigabit Ethernet 24 SFP port Switch, 4 RJ45 ports



Flexible combination of copper and optical media coincide with highest performance

The DIGITUS® SFP Switches are optimized for telecommunication businesses with high flexibility. The support of the Simple Network Management Protocol and the Remote Monitoring standard is the easiest way of integration into the existing network and the existing surveillance software. The Management ability makes the administration of your network more efficient. The Quality of Service function allows a dynamic bandwidth usage. The Flow-Control and the integrated Access Control List (ACL) ensure a safe data transmission. Four Gigabit combo ports, where RJ45 ports or fibre SFP ports can be chosen. These ports offer enough power for now and for the future.

- Layer 2 Managed Switch
- 24 SFP ports
- 4 shared RJ45 ports
- Flow Control technology
- Auto MDI / MDI-X function
- 16K MAC addresses
- 9KB Jumbo Frames
- 1MB buffer memory
- 48 Gbps throughput
- QoS support
- Port Mirroring for efficient network surveillance
- Port Trunking for Bandwidth Aggregation
- Management via web or telnet
- SNMP, RMON support
- Suitable for rack mount (incl. mounting bracket)
- Access Control List (ACL)
- VLAN for Performance and Security



10G Ethernet PCI Express network card

Designed to address high-performance system application requirements

The PLANET ENW-9801 Single-Port 10 Gigabit Ethernet server adapter is an optimal solution for Ethernet applications by providing strict low-power budgets and small form factor. It offers simple integration into any PCI Express x8 server slot via one SFP+ slot.

- One SFP+ slot
- PCI Express x8 Host Bus interface
- 16K Jumbo Frame
- IEEE 802.1Q Tagged VLAN
- IEEE 802.1p CoS traffic priority
- SNMP RMON Statistics
- Low Power Consumption
- Complies to Microsoft, Linux, FreeBSD and Solaris OS
- Virtual NIC support
- Reduced CPU utilization and improve throughput

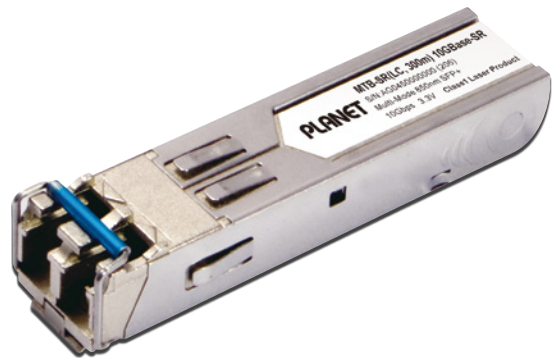


303688 / ENW-9801
10G Ethernet PCI Express network card

Mini GBIC (SFP+) 10G Module, 0.3km

The best Choice for Data Center Cloud Computing

- Comply with the IEEE 802.3ae 10 Gigabit Ethernet Standard
- Port LC interface fiber connector (SFP+)
- For established fiber link distance up to 300m over 50/125µm multi-mode fiber cable
- Plug and Play Installation

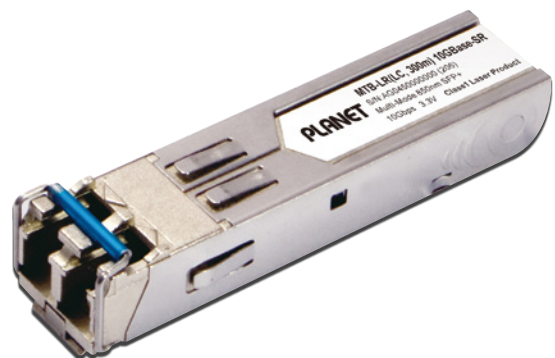


303534 / MTB-SR
mini GBIC (SFP+) 10G Module, 0.3km

Mini GBIC (SFP+) 10G Module, 10km

The best Choice for Data Center Cloud Computing

- Comply with the IEEE 802.3ae 10 Gigabit Ethernet Standard
- Port LC interface fiber connector (SFP+)
- For established fiber link distance up to 10km over 9/125µm single-mode fiber cable
- Plug and Play Installation



303527 / MTB-LR
mini GBIC (SFP+) 10G Module, 10km

10G Ethernet Stackable Layer 3 Managed Switch

10G Ethernet Switch Solutions for the Next Generation Internet

The XGS3-24040 provides 24 fixed 10/100/1000Mbps copper ports with 4 shared 1000Base-SX/LX SFP slots, 2 10GbE extension slots and 2 10GbE stack slots in a compact 1U height format. Positioned as a backbone switch of large networks, the XGS3-24040 supports IP Stacking technology that helps to manage and configure up to 36 units via one single IP address easily.



- 24-Port 10/100/1000Base-T RJ-45 copper
- 4x 1000Base-SX/LX mini-GBIC/SFP slots
- 2x 10G XFP extension module slots
- Supports 10GBase-SR/LR XFP transceivers
- 2x 10G Stack slots
- RJ-45 serial console interface for Switch basic management and setup
- IP Stacking
- IP Routing Features: RIPv1/2, OSPFv2, BGPv4+, VRRP
- Multicast Routing Features: PIM-DM, PIM-SM, DVMRP (Distance Vector Multicast Routing Protocol), IGMP v1/v2/v3
- Layer 2 Features: IEEE 802.1Q Tagged VLAN, Provider Bridging (VLAN Q-in-Q), IEEE 802.1ad, GVRP protocol for VLAN Management, RSTP, IEEE 802.1w (Rapid Spanning Tree Protocol), MSTP IEEE 802.1s (Multiple Spanning Tree Protocol), spanning tree by VLAN, 802.3ad Link Aggregation Control Protocol (LACP), Cisco ether-channel (Static Trunk), Quality of Service, Multicast
- Security: IEEE 802.1x Port-Based network access authentication, Access Control List (ACL)
- Management: Console / Telnet Command Line Interface, Web-Based switch management, SNMP v1, v2c, and v3, SSH (Secure Shell) / SSL, IPv6 IP Address / NTP / DNS management
- Redundant Power System 100~240V AC / 12V DC, Dual power, Active-active redundant power failure protection, Backup of power failure on one supply
- Dimension (W x D x H) 440 x 415 x 44.5 mm, 1U height



309741 / XGS3-24040
10G Ethernet Stackable Layer 3 Managed Switch

309758 / XGS3-TGS30
10G Ethernet Stack Cable - 30cm

309765 / XGS3-XFP
10G Ethernet XFP Extension Module

309772 / MTB-XLR
10G Ethernet XFP Module - Long Range, up to 10km

309789 / MTB-XSR
10G Ethernet XFP Module - Short Range, up to 0.3km

Industrial Gigabit Ethernet Switch, 4 Port RJ45 + 2 Port SC

The Best Solution for rough Environmental Conditions!

The ISW-621TS15 provides a high level of immunity against electromagnetic interference which is usually found in industrial environments. Being able to operate under the temperature range from -40 to 75 Degree C, the ISW-621TS15 can be placed in almost any difficult environment.

- 4-Port 10/100Mbps Auto MDI/MDI-X RJ45
- 2-Port 100Base-FX interface for up to 15km (Single-mode fiber 9/125µm) transmission distance
- Complies with IEEE 802.3, IEEE 802.3u 10/100Base-TX, 100Base-FX Ethernet standard
- Supports Auto-Negotiation and 10/100Mbps half / full duplex mode for each copper port
- High performance Store and Forward architecture
- Prevents packet loss with back pressure (Half-Duplex) and IEEE 802.3x PAUSE frame flow control (Full-Duplex)
- 1.2Gbps Backplane
- Integrated address look-up engine, supports 2K absolute MAC addresses
- 1Mbit on-chip frame buffer
- IP-30 protection with metal case
- DIN Rail and Wall Mount Design
- Redundant Power Design: 12~48V DC redundant power with polarity reverse protect function
- -40 to 75 °C operating temperature



310280 / ISW-621TS15

Industrial Gigabit Ethernet Switch, 4 Port RJ45 + 2 Port SC

Industrial Managed Fast Ethernet Switch, 8-Port + 2 Combo-Ports

The Best Solution for rough Environmental Conditions!

The PLANET ISW-1022MT is equipped with multiple redundant ring technology delivered in a rugged strong case. The switch is designed for a reliable Network Connection under extreme harsh environmental conditions.

- 8-Port 10/100Mbps Auto MDI/MDI-X RJ45
- 2-Port Gigabit TP/SFP combo interface
- 1 RJ-45 Console interface for Switch basic management and setup
- Redundant Power Design: 12~48V DC redundant power with polarity reverse protect function
- -40 to 75 °C operating temperature
- IP-30 protection with metal case
- Relay alarm for port breakdown and power failure
- Free fall, Shock and Vibration Stability
- Rapid Ring, Dual Homing, Couple Ring Topology
- Complies with the IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z Gigabit Ethernet standards
- Prevents packet loss with back pressure (Half-Duplex) and IEEE 802.3x PAUSE frame flow control (Full-Duplex)
- Supports VLANs (IEEE 802.1Q Tagged based VLAN, Port-Based VLAN, GVRP, up to 256 VLANs groups, out of 4K VLAN IDs)
- Supports Spanning Tree Protocol (STP, IEEE 802.1D Spanning Tree Protocol, RSTP, IEEE 802.1w Rapid Spanning Tree Protocol)
- Supports Link Aggregation (up to 4 Trunk groups, Up to 4 ports per trunk group with 800Mbps bandwidth, IEEE 802.3ad LACP, Cisco ether-Channel)
- IGMP Snooping v1 and v2
- IGMP Query mode for Multicast Media application
- MAC address Filtering and MAC address Binding
- IP address security management to prevent unauthorized intruder
- Port Mirroring to monitor the incoming or outgoing traffic on a particular port
- Web-based, Telnet, Console Command Line management
- Access through SNMP v1, v2c and v3



310266 / ISW-1022MT

Industrial Managed Fast Ethernet Switch, 8-Port + 2 Combo-Ports

Industrial Managed Fast Ethernet PoE Switch, 8-Port + 2 Combo-Ports

The Best Solution for rough Environmental Conditions!

The PLANET ISW-1022MPT is equipped with multiple redundant ring technology delivered in a rugged strong case. The switch is designed for a reliable Network Connection under extreme harsh environmental conditions.

- 8-Port 10/100Mbps with IEEE 802.3af PoE RJ-45
- 2-Port Gigabit TP/SFP combo interface
- 1 RJ-45 Console interface for Switch basic management and setup
- Redundant Power Design: 12~48V DC redundant power with polarity reverse protect function
- -40 to 75 °C operating temperature
- IP-30 protection with metal case
- Relay alarm for port breakdown and power failure
- Free fall, Shock and Vibration Stability
- 8 10/100Base-TX ports with IEEE 802.3af inject built-in
- Supports 48VDC, 15.4 Watts PoE power output to 8 IEEE 802.3af compliant Powered Devices
- Power feeding On/Off and priority configuration
- Powered Device Auto Detection
- LED PoE Status Monitoring
- Rapid Ring, Dual Homing, Couple Ring Topology
- Provides redundant backup feature and the recovery time less than 20ms
- Complies with the IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z Gigabit Ethernet standards
- Prevents packet loss with back pressure (Half-Duplex) and IEEE 802.3x PAUSE frame flow control (Full-Duplex)
- Supports VLANs (IEEE 802.1Q Tagged based VLAN, Port-Based VLAN, GVRP, Up to 256 VLANs groups, out of 4K VLAN IDs)
- Supports Spanning Tree Protocol (STP, IEEE 802.1D Spanning Tree Protocol, RSTP, IEEE 802.1w Rapid Spanning Tree Protocol)
- Supports Link Aggregation (up to 4 Trunk groups, up to 4 ports per trunk group with 800Mbps bandwidth, IEEE 802.3ad LACP, Cisco ether-Channel)
- QoS Support (4 priority queues on all switch ports, Traffic classification by: Port-Based priority, IEEE 802.1p Class of Service, IP TOS priority)
- IGMP Snooping v1 and v2
- IGMP Query mode for Multicast Media application
- IEEE 802.1x Port-Based Authentication
- MAC address Filtering and MAC address Binding
- IP address security management to prevent unauthorized intruder
- Port Mirroring to monitor the incoming or outgoing traffic on a particular port
- Web-based, Telnet, Console Command Line management
- Access through SNMP v1, v2c and v3



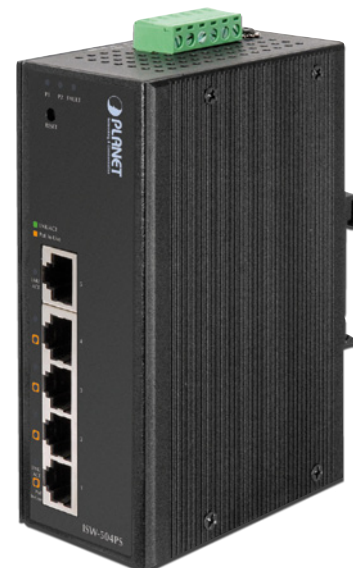
310259 / ISW-1022MPT

Industrial Managed Fast Ethernet PoE Switch, 8-Port + 2 Combo-Ports

Web Smart Fast Ethernet PoE Switch, 5-Port

The Best Solution for rough Environmental Conditions!

- 5-Port 10/100Mbps RJ-45
- 4 PoE RJ45 Ports
- Complies with IEEE 802.3af Power over Ethernet standard
- Up to 4 IEEE 802.3af devices powered
- Supports PoE Power up to 15.4 watts for each PoE port
- Auto detect powered device (PD)
- Remote power feeding up to 100m
- Total PoE Power Budget Control
- Enable / Disable PoE Function on each port
- PoE port Power Feeding priority
- Power limit on PoE port
- PD Classification Detection
- Web interface for remote management
- SNMP Trap for alarm notification of events
- VLAN and QoS configuration
- Supports Auto-Negotiation, 10/100Mbps Half / Full Duplex and Auto MDI/MDI-X
- High performance Store and Forward architecture
- Prevents packet loss with back pressure (Half-Duplex) and IEEE 802.3x PAUSE frame flow control (Full-Duplex)
- IP-30 protection with metal case
- DIN Rail and Wall Mount Design
- Redundant Power Design: 24 or 48V DC redundant power with polarity reverse protect function
- -10 to 60 °C operating temperature



310273 / ISW-504PS

Web Smart Fast Ethernet PoE Switch, 5-Port

Industrial Managed Gigabit Switch, 8-Port

The Best Solution for rough Environmental Conditions!

- 8-Port 10/100/1000Base-T RJ-45 copper interface
- Supports Auto-Negotiation and Half-Duplex / Full-Duplex modes for all 10Base-T/100Base-TX and 1000Base-T ports Auto-MDI/MDI-X detection on each RJ-45 port
- Prevents packet loss with back pressure (Half-Duplex) and IEEE 802.3x PAUSE frame flow control (Full-Duplex) High performance Store and Forward architecture 16Gbps Backplane, 9K Jumbo packet size support, 8K MAC Address Table VLANs (IEEE 802.1Q Tag-Based VLAN, Up to 64 VLANs groups, out of 4096 VLAN IDs, Port-Based VLAN) Link Aggregation (Up to 4 trunk groups, Up to 8 ports per trunk group with 16Gbps bandwidth, IEEE 802.3ad LACP, Cisco ether-channel)
- Spanning Tree Protocol: IEEE 802.1d classic Spanning Tree Algorithm, IEEE 802.1w Rapid Spanning Tree Protocol Quality of Service: 4 priority queues on all switch ports, Traffic classification (IEEE 802.1p CoS, IP TOS / DSCP), Strict priority and Weighted Round Robin (WRR) CoS policies! GMP Snooping v1 and v2! GMP Query mode for Multicast Media application IEEE 802.1x Port-Based Authentication
- Port Mirroring Remote WEB-Based management
- Access through SNMP v1 and v2c SNMP Trap for alarm notification of events
- Cable Diagnostics technology IP-30 protection with metal case DIN Rail and Wall Mount Design
- Redundant Power Design: 12~48V DC redundant power with polarity reverse protect function
-10 to 60 °C operating temperature



310228 / IGS-801M

Industrial Managed Gigabit Switch, 8-Port

Industrial Fast Ethernet Switch, 8-Port

The Best Solution for rough Environmental Conditions!

The ISW-801T provides a high level of immunity against electromagnetic interference which is usually found in industrial environments. Being able to operate under the temperature range from -40 to 75 Degree C, the ISW-801T can be placed in almost any difficult environment.

- 8-Port 10/100Mbps Auto MDI/MDI-X RJ45
- Complies with IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX Ethernet standard
- Supports Auto-Negotiation and 10/100Mbps half / full duplex mode
- High performance Store and Forward architecture
- Prevents packet loss with back pressure (Half-Duplex) and IEEE 802.3x PAUSE frame flow control (Full-Duplex)
- 1.6Gbps Backplane
- Integrated address look-up engine, supports 2K absolute MAC addresses
- IP-30 protection with metal case
- DIN Rail and Wall Mount Design
- Redundant Power Design: 12~48V DC redundant power with polarity reverse protect function
- -40 to 75 °C operating temperature
- Free fall, Shock and Vibration Stability



310297 / ISW-801T

Industrial Fast Ethernet Switch, 8-Port

Industrial Fast Ethernet Media Converter RJ45 / SC, 2km

The Best Solution for rough Environmental Conditions!

- 1-Port 10/100Base-T RJ-45 1 Port 100Base-FX SC interface, provides long distance up to 2km
- Redundant Power Design: 12~48V DC redundant power with polarity reverse protect function
- IP-30 protection with metal case
- DIN Rail and Wall Mount Design Relay alarm for port breakdown and power failure
- Free fall, Shock and Vibration Stability Complies with the IEEE 802.3 and IEEE 802.3u Standards
- Supports Auto-Negotiation and 10/100Mbps half / full duplex mode High performance Store and Forward architecture
- Prevents packet loss with back pressure (Half-Duplex) and IEEE 802.3x PAUSE frame flow control (Full-Duplex)
- Supports to handle up to 1522 bytes packet size



310211 / IFT-802T

Industrial Fast Ethernet Media Converter RJ45 / SC, 2km

Industrial Fast Ethernet Media Converter RJ45 / SC, 15km

The Best Solution for rough Environmental Conditions!

- 1-Port 10/100Base-T RJ-45
- 1 Port 100Base-FX SC interface, provides long distance for 15km
- Redundant Power Design: 12~48V DC redundant power with polarity reverse protect function
- IP-30 protection with metal case
- DIN Rail and Wall Mount Design
- Relay alarm for port breakdown and power failure
- Free fall, Shock and Vibration Stability
- Complies with the IEEE 802.3 and IEEE 802.3u Standards
- Supports Auto-Negotiation and 10/100Mbps half / full duplex mode
- High performance Store and Forward architecture
- Prevents packet loss with back pressure (Half-Duplex) and IEEE 802.3x PAUSE frame flow control (Full-Duplex)
- Supports to handle up to 1522 bytes packet size



310204 / IFT-802TS15

Industrial Fast Ethernet Media Converter RJ45 / SC, 15km

Industrial Managed Gigabit Ethernet Media Converter RJ45 / SFP

The Best Solution for rough Environmental Conditions!

- 1-Port 10/100/1000Base-T RJ-45
- 1 Mini-GBIC slot, provides multi choice of SFP modules
- 12V to 48V DC, redundant power
- -30 to 75 °C operating temperature
- IP-30 protection with metal case
- Relay alarm for port breakdown
- Free fall, Shock and Vibration Stability
- DIN Rail and Wall Mount Design
- High performance Store and Forward architecture
- Prevents packet loss with back pressure (Half-Duplex) and IEEE 802.3x PAUSE frame flow control (Full-Duplex)
- Maximum frame size to 9216 Bytes
- Loop detection / Broadcast / Multicast / Unicast storm control
- Supports VLANs (IEEE 802.1Q Tagged based VLAN, Up to 16 VLANs groups, out of 4K VLAN IDs, Management VLAN)
- QoS Support: 4 priority queues, strict priority and Weighted Round Robin (WRR)
- Traffic classification by: IEEE 802.1p Class of Service, IP DSCP priority, IP Address priority
- Built-in IP-based Web interface for remote management
- SNMP v1 / v2c and 4 RMON groups, Event trap and SNMP trap support
- IEEE 802.3ah OAM / Loop Back Test
- 16 TCP / UDP Filter groups
- Display the current operating temperature



310235 / IGT-905A

Industrial Managed Gigabit Ethernet Media Converter RJ45 / SFP

Industrial VDSL Ethernet Extender

The Best Solution for rough Environmental Conditions!

The Ethernet over VDSL2 combines the Ethernet and VDSL2 technology to transmit the Ethernet format data by using VDSL2 signaling over the existing coaxial cable and telephone wire. Therefore it is a good solution to establish a cost-effective Network Connection.

- VDSL2 Master / Slave bridge solution
- -40 to 75 °C operating temperature
- Redundant Power Design: 12~48V DC redundant power with polarity reverse protect function
- IP-30 protection with metal case
- One box design: Master / Slave selectable via DIP Switch
- Selectable BNC and RJ-11 mode for the data transmission
- Defines Asymmetric (Band Plan 998) and Symmetric band plans for transmission of Upstream and Downstream signals
- Complies with IEEE 802.3, IEEE 802.3u and IEEE 802.3x standards
- DMT (Discrete Multi-Tone) line coding
- Half Duplex Back Pressure and IEEE 802.3x Full Duplex Pause Frame Flow Control
- Supports up to 1536 bytes packet size, 802.1Q VLAN tag transparent
- Integrated address look-up engine, supports 2K absolute MAC addresses
- VDSL2 Standalone transceiver for simple bridge modem application
- Selectable Target Band Plan and Target SNR Margin
- Supports extensive LED indicators for network diagnostics
- DIN Rail and Wall Mount Design



310242 / IVC-2002

Industrial VDSL Ethernet Extender

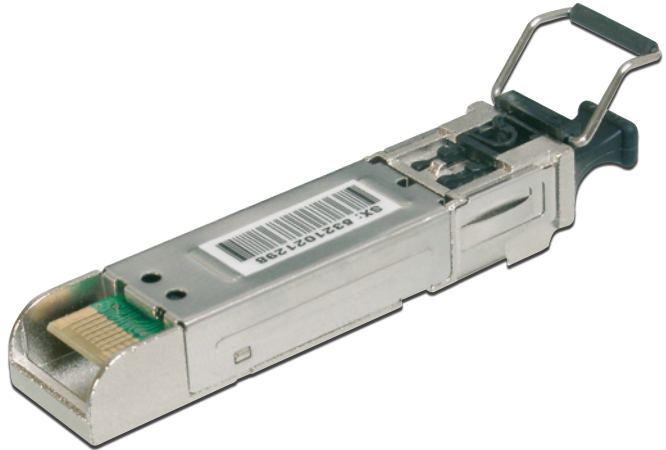
Mini GBIC (SFP) Module, 155 Mbps, 20km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) Transceiver Modules offer highest Quality and Reliability. Wether from Switch to Switch, Converter to Switch, Converter to Converter or any else application: The wide product range of DIGITUS® Modules makes possible a flexible usage of the Fiber Technology. The Conformity to the MSA (Multi Source Agreement) Standard ensures a Compatibility to third party Manufacturers.



- Mini GBIC SFP (Small Form Factor Pluggable) Module
- Bidirectional WDM Module - Only one fiber is needed
- High quality and excellent reliability
- 155 Mbps Maximum Data Rate
- Class 1 Laser product compliant with EN 60825-1
- Easy Plug and Play Installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Simplex
- Wavelength: Tx 1310nm / Rx 1550nm
- Transmission Power: Minimum -15 dBm, Maximum -8 dBm
- Sensitivity Receiving Power: Minimum -32 dBm
- For a Distance of up to 20km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V Power Supply
- Suitable Module for Opposite Side: DN-81104



305705 / DN-81103

Mini GBIC (SFP) Module, 155 Mbps, 20km, Operating Temperature: 0 to 70°C

307624 / DN-81113

Industrial mini GBIC (SFP) Module, 155 Mbps, 20km, Operating Temperature: -40 to 85°C

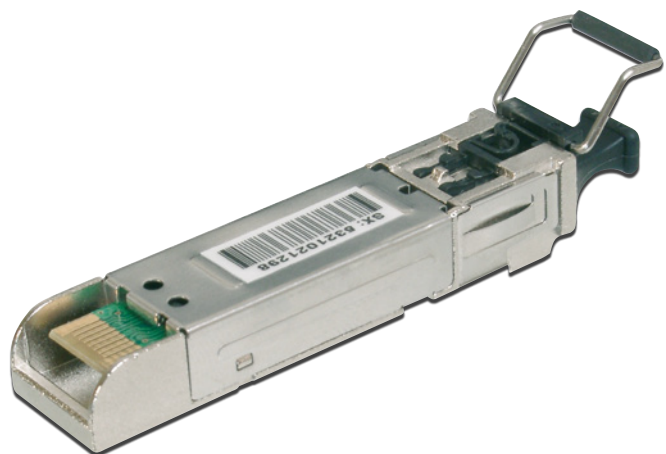
Mini GBIC (SFP) Module, 155 Mbps, 20km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) Transceiver Modules offer highest Quality and Reliability. Wether from Switch to Switch, Converter to Switch, Converter to Converter or any else application: The wide product range of DIGITUS® Modules makes possible a flexible usage of the Fiber Technology. The Conformity to the MSA (Multi Source Agreement) Standard ensures a Compatibility to third party Manufacturers.



- Mini GBIC SFP (Small Form Factor Pluggable) Module
- Bidirectional WDM Module - Only one fiber is needed
- High quality and excellent reliability
- 155 Mbps Maximum Data Rate
- Class 1 Laser product compliant with EN 60825-1
- Easy Plug and Play Installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Simplex
- Wavelength: Tx 1550nm / Rx 1310nm
- Transmission Power: Minimum -15 dBm, Maximum -8 dBm
- Sensitivity Receiving Power: Minimum -32 dBm
- For a Distance of up to 20km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V Power Supply
- Suitable Module for Opposite Side: DN-81103



305712 / DN-81104

Mini GBIC (SFP) Module, 155 Mbps, 20km, Operating Temperature: 0 to 70°C

307631 / DN-81114

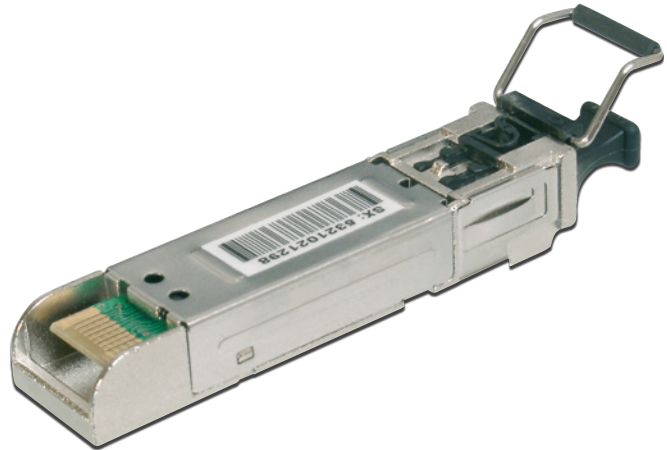
Industrial mini GBIC (SFP) Module, 155 Mbps, 20km, Operating Temperature: -40 to 85°C

Mini GBIC (SFP) Module, 1.25 Gbps, 0.55km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) Transceiver Modules offer highest Quality and Reliability. Wether from Switch to Switch, Converter to Switch, Converter to Converter or any else application: The wide product range of DIGITUS® Modules makes possible a flexible usage of the Fiber Technology. The Conformity to the MSA (Multi Source Agreement) Standard ensures a Compatibility to third party Manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) Module
- High quality and excellent reliability
- 1.25 Gbps Maximum Data Rate
- Compliant to IEEE 802.3z Gigabit Standard
- Class 1 Laser product compliant with EN 60825-1
- Easy Plug and Play Installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Duplex
- 1000Base-SX - For Short Haul
- Wavelength: 850nm
- Transmission Power: Minimum -8 dBm, Maximum -3 dBm
- Sensitivity Receiving Power: Minimum -20 dBm
- For a Distance of up to 0.55km
- Suitable for 50/125µm and 62.5/125µm Multimode Fiber Cables
- Safe fast-locking mechanism
- 3.3V Power Supply



305651 / DN-81000

Mini GBIC (SFP) Module, 1.25 Gbps, 0.55km, Operating Temperature: 0 to 70°C

307570 / DN-81010

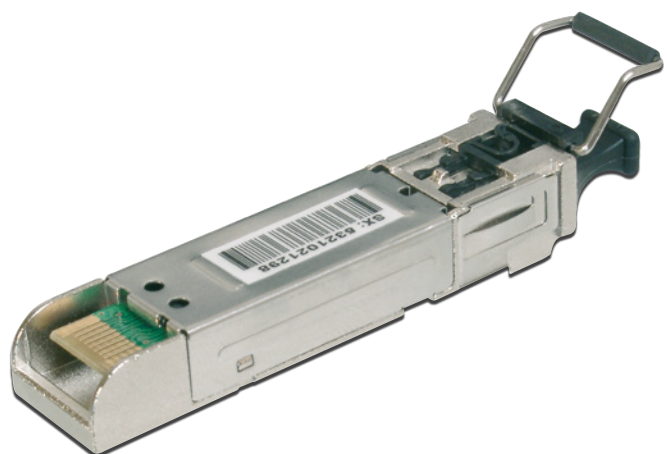
Industrial mini GBIC (SFP) Module, 1.25 Gbps, 0.55km, Operating Temperature: -40 to 85°C

Mini GBIC (SFP) Module, 1.25 Gbps, 20km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) Transceiver Modules offer highest Quality and Reliability. Wether from Switch to Switch, Converter to Switch, Converter to Converter or any else application: The wide product range of DIGITUS® Modules makes possible a flexible usage of the Fiber Technology. The Conformity to the MSA (Multi Source Agreement) Standard ensures a Compatibility to third party Manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) Module
- High quality and excellent reliability
- 1.25 Gbps Maximum Data Rate
- Compliant to IEEE 802.3z Gigabit Standard
- Class 1 Laser product compliant with EN 60825-1
- Easy Plug and Play Installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Duplex
- 1000Base-LX - For Long Haul
- Wavelength: 1310nm
- Transmission Power: Minimum -8 dBm, Maximum -3 dBm
- Sensitivity Receiving Power: Minimum -24 dBm
- For a Distance of up to 20km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V Power Supply



305668 / DN-81001

Mini GBIC (SFP) Module, 1.25 Gbps, 20km, Operating Temperature: 0 to 70°C

307587 / DN-81011

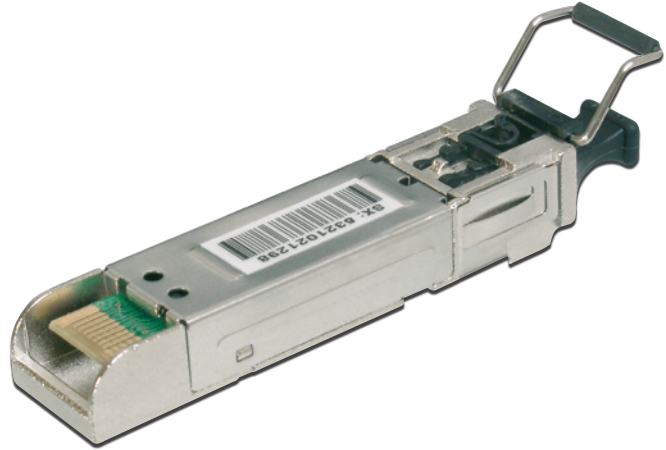
Industrial mini GBIC (SFP) Module, 1.25 Gbps, 20km, Operating Temperature: -40 to 85°C

Mini GBIC (SFP) Module, 1.25 Gbps, 80km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) Transceiver Modules offer highest Quality and Reliability. Wether from Switch to Switch, Converter to Switch, Converter to Converter or any else application: The wide product range of DIGITUS® Modules makes possible a flexible usage of the Fiber Technology. The Conformity to the MSA (Multi Source Agreement) Standard ensures a Compatibility to third party Manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) Module
- High quality and excellent reliability
- 1.25 Gbps Maximum Data Rate
- Compliant to IEEE 802.3z Gigabit Standard
- Class 1 Laser product compliant with EN 60825-1
- Easy Plug and Play Installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Duplex
- 1000Base-LX - For Long Haul
- Wavelength: 1550nm
- Transmission Power: Minimum 0 dBm, Maximum 5 dBm
- Sensitivity Receiving Power: Minimum -32 dBm
- For a Distance of up to 80km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V Power Supply



305675 / DN-81002

Mini GBIC (SFP) Module, 1.25 Gbps, 80km, Operating Temperature: 0 to 70°C

307594 / DN-81012

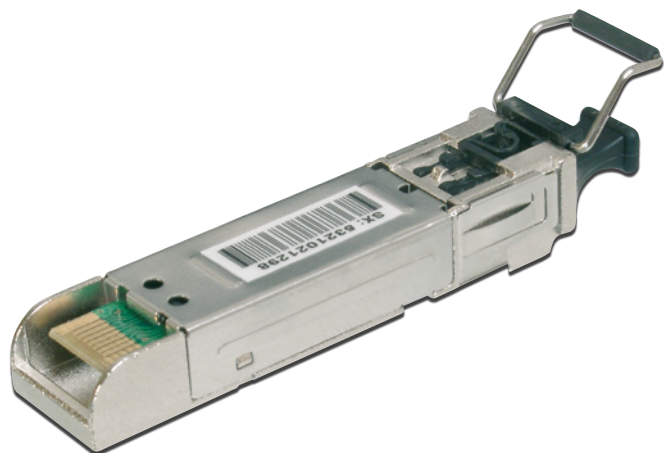
Industrial mini GBIC (SFP) Module, 1.25 Gbps, 80km, Operating Temperature: -40 to 85°C

Mini GBIC (SFP) Module, 1.25 Gbps, 20km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) Transceiver Modules offer highest Quality and Reliability. Wether from Switch to Switch, Converter to Switch, Converter to Converter or any else application: The wide product range of DIGITUS® Modules makes possible a flexible usage of the Fiber Technology. The Conformity to the MSA (Multi Source Agreement) Standard ensures a Compatibility to third party Manufacturers.

- Mini GBIC SFP (Small Form Factor Pluggable) Module
- Bidirectional WDM Module - Only one fiber is needed
- High quality and excellent reliability
- 1.25 Gbps Maximum Data Rate
- Compliant to IEEE 802.3z Gigabit Standard
- Class 1 Laser product compliant with EN 60825-1
- Easy Plug and Play Installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Simplex
- Wavelength: Tx 1310nm / Rx 1550nm
- Transmission Power: Minimum -5 dBm, Maximum 0 dBm
- Sensitivity Receiving Power: Minimum -24 dBm
- For a Distance of up to 20km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V Power Supply
- Suitable Module for Opposite Side: DN-81004



305682 / DN-81003

Mini GBIC (SFP) Module, 1.25 Gbps, 20km, Operating Temperature: 0 to 70°C

307600 / DN-81013

Industrial mini GBIC (SFP) Module, 1.25 Gbps, 20km, Operating Temperature: -40 to 85°C

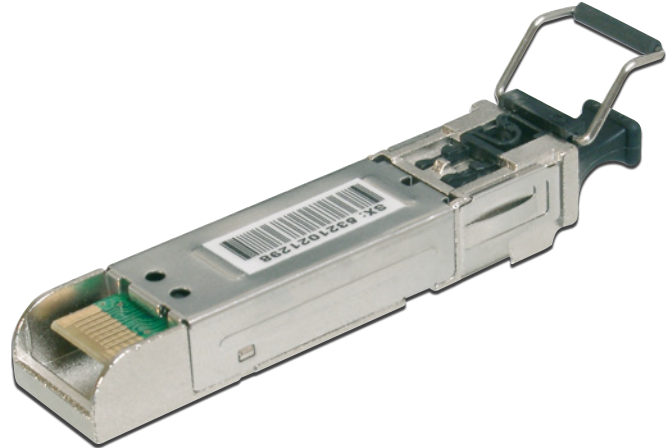
Mini GBIC (SFP) Module, 1.25 Gbps, 20km

The Plug and Play Fiber Connection

The DIGITUS® mini GBIC (SFP) Transceiver Modules offer highest Quality and Reliability. Wether from Switch to Switch, Converter to Switch, Converter to Converter or any else application: The wide product range of DIGITUS® Modules makes possible a flexible usage of the Fiber Technology. The Conformity to the MSA (Multi Source Agreement) Standard ensures a Compatibility to third party Manufacturers.



- Mini GBIC SFP (Small Form Factor Pluggable) Module
- Bidirectional WDM Module - Only one fiber is needed
- High quality and excellent reliability
- 1.25 Gbps Maximum Data Rate
- Compliant to IEEE 802.3z Gigabit Standard
- Class 1 Laser product compliant with EN 60825-1
- Easy Plug and Play Installation
- MSA (Multi Source Agreement) compliant
- Hot pluggable
- Connector: 1x LC Simplex
- Wavelength: Tx 1550nm / Rx 1310nm
- Transmission Power: Minimum -5 dBm, Maximum 0 dBm
- Sensitivity Receiving Power: Minimum -24 dBm
- For a Distance of up to 20km
- Suitable for 09/125µm Singlemode Fiber Cables
- Safe fast-locking mechanism
- 3.3V Power Supply
- Suitable Module for Opposite Side: DN-81003



305729 / DN-81004

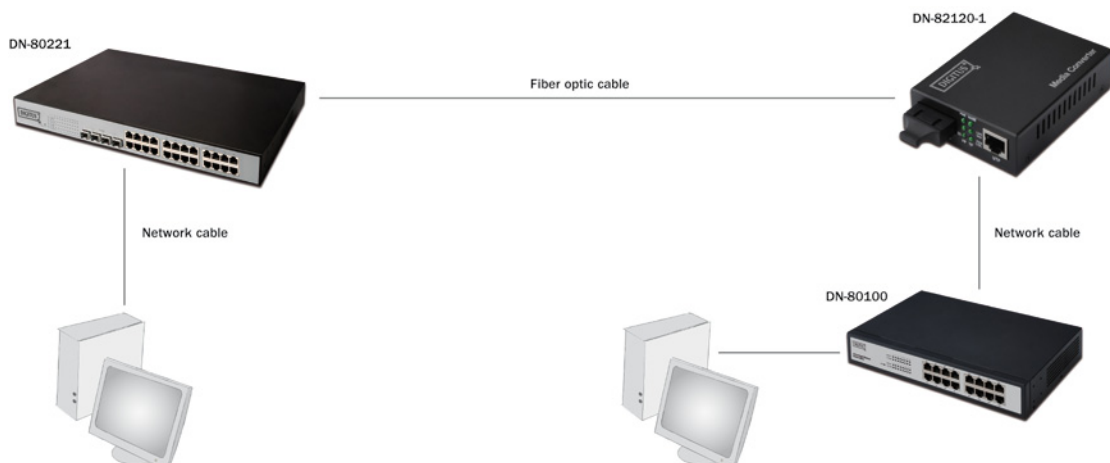
Mini GBIC (SFP) Module, 1.25 Gbps, 20km, Operating Temperature: 0 to 70°

307617 / DN-81014

Industrial mini GBIC (SFP) Module, 1.25 Gbps, 20km, Operating Temperature: -40 to 85°C

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8-port PoE Midspan, 802.3af

Reduce cabling for Wireless APs, IP Phone and any PoE-ready device

- Maximum Power Consumption of 130 Watt ensures full power for every connection
- Complies with the 802.3af PoE standard
- Input: 8x RJ45 ports with 10/100 Mbps
- Output: 8x RJ45 ports with 10/100 Mbps + PoE (15.4 Watt per port)
- Each output port has output current limited, short-circuit protection, complete Powered Device (PD) detection and classification
- Inclusive Mounting Accessories for Rack Installation



291961 / DN-95111
8-port PoE Midspan, 802.3af

16-port PoE Midspan, 802.3af

Reduce cabling for Wireless APs, IP Phone and any PoE-ready device

- Maximum Power Consumption of 260 Watt ensures full power for every connection
- Complies with the 802.3af PoE standard
- Input: 16x RJ45 ports with 10/100 Mbps
- Output: 16x RJ45 ports with 10/100 Mbps + PoE (15.4 Watt per port)
- Each output port has output current limited, short-circuit protection, complete Powered Device (PD) detection and classification
- Inclusive Mounting Accessories for Rack Installation



291978 / DN-95113
16-port PoE Midspan, 802.3af

8-Port Fast Ethernet Switch with 4 PoE Ports

Integrated Power over Ethernet (PoE) for small and medium network environments

- 8-Port 10/100BaseTX with 4-Port PoE
- PoE Power Output 48V/DC, max. 15.4W per Port
- Maximum Power Consumption 65 Watts
- Supported Standards: IEEE 802.3x Flow Control, IEEE 802.3af Power over Ethernet (PoE)
- Store and Forward technology
- Inclusive Mounting Accessories for Rack Installation



291947 / DN-95321
8-Port Fast Ethernet Switch with 4 PoE Ports

2-port PoE Extender

The solution for Power over Ethernet,
if 100 Meters are not enough!

- 1-Port PoE Splitter (PD) and 1-Port PoE Injector (PSE)
- Extending the Power over Ethernet distance for another 100 Meter
- Cascading supported
- 10/100 Mbps
- No extra Power required
- Supported Standards: IEEE 802.3af Power over Ethernet (PoE),
IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX
- Metal Case



294023 / DN-95120
2-port PoE Extender

5-port PoE Extender

The solution for Power over Ethernet,
if 100 Meters are not enough!

- 1-Port PoE Splitter (PD) and 1-Port PoE Injector (PSE)
- Extending the Power over Ethernet distance for another 100 Meter
- Cascading supported
- 3-Port Fast Ethernet 10/100 Mbps Switch
- Auto-MDI/MDI-X for cable detection
- Auto-Negotiation for 10/100Mbps
- No extra Power required
- Supported Standards: IEEE 802.3af Power over Ethernet (PoE),
IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.3x Flow Control
- Metal Case



294030 / DN-95121
5-port PoE Extender

8-Port PoE Web Smart Fast Ethernet Switch



Integrated Power over Ethernet (PoE) and network management features for small and medium network environments

- 8-Port 10/100BaseTX with PoE
- PoE Power Output 48V/DC, max. 15.4W per Port
- Supported Standards: IEEE 802.3x Full-duplex and Flow Control, IEEE 802.3ad Trunk (Link Aggregation), IEEE 802.3af Power over Ethernet (PoE), IEEE 802.1Q VLAN, IEEE 802.1p Class of Service, IEEE 802.1x Port Based Network Access Control, IEEE 802.1d Spanning Tree Protocol, IEEE 802.1w Rapid Spanning Tree Protocol
- Store and Forward technology
- Supports Port Configuration, Port Mirroring, Bandwidth Control, Broadcast Storm Control
- PoE On/Off setting via Web Management
- VLAN Setting Port-based 8 groups / Tag-based: 20 groups
- Trunk Setting 2 groups (1-4 port for each group)
- QoS Setting: up to 4 queues
- Supports MAC Address Filtering, TCP/UDP Filtering
- Backup/Recovery Configuration
- Inclusive Mounting Accessories for Rack Installation



279549 / DN-95311

8-Port PoE Web Smart Fast Ethernet Switch

16-Port PoE Web Smart Fast Ethernet Switch



Integrated Power over Ethernet (PoE) and network management features for small and medium network environments

- 16-Port 10/100BaseTX with PoE
- PoE Power Output 48V/DC, max. 15.4W per Port
- Supported Standards: IEEE 802.3x Full-duplex and Flow Control, IEEE 802.3ad Trunk (Link Aggregation), IEEE 802.3af Power over Ethernet (PoE), IEEE 802.1Q VLAN, IEEE 802.1p Class of Service, IEEE 802.1x Port Based Network Access Control, IEEE 802.1d Spanning Tree Protocol, IEEE 802.1w Rapid Spanning Tree Protocol
- Store and Forward technology
- Supports Port Configuration, Port Mirroring, Bandwidth Control, Broadcast Storm Control
- PoE On/Off setting via Web Management
- VLAN Setting Port-based 8 groups / Tag-based: 20 groups
- Trunk Setting 2 groups (1-4 port for each group)
- QoS Setting: up to 4 queues
- Supports MAC Address Filtering, TCP/UDP Filtering
- Backup/Recovery Configuration
- Inclusive Mounting Accessories for Rack Installation



279556 / DN-95312

16-Port PoE Web Smart Fast Ethernet Switch

24-Port PoE Web Smart Fast Ethernet Switch, Full Power



Integrated Power over Ethernet (PoE) and network management features for small and medium network environments

- 24-Port 10/100BaseTX with PoE
- 2-Port Gigabit Uplink, 2 shared SFP Ports
- PoE Power Output 48V/DC, max. 15.4W per Port
- Maximum power of 390 Watt ensures full power for every connection
- Supported Standards: IEEE 802.3x Full-duplex and Flow Control, IEEE 802.3ad Trunk (Link Aggregation), IEEE 802.3af Power over Ethernet (PoE), IEEE 802.1Q VLAN, IEEE 802.1p Class of Service, IEEE 802.1d Spanning Tree Protocol
- Store and Forward technology
- Supports Port Configuration, Port Mirroring, Bandwidth Control, Broadcast Storm Control
- PoE On/Off setting via Web Management
- VLAN Setting Port-based 32 groups / Tag-based: 26 groups
- Trunk Setting 3 groups (1-4 port for each group)
- QoS support
- Supports MAC Address Filtering, TCP/UDP Filtering
- Backup/Recovery Configuration
- Inclusive Mounting Accessories for Rack Installation



291909 / DN-95313

24-Port PoE Web Smart Fast Ethernet Switch, Full Power

24-Port PoE Web Smart Fast Ethernet Switch, Half Power



Integrated Power over Ethernet (PoE) and network management features for small and medium network environments

- 24-Port 10/100BaseTX with PoE
- 2-Port Gigabit Uplink, 2 shared SFP Ports
- PoE Power Output 48V/DC, max. 15.4W per Port
- Maximum Power Consumption of 195 Watt: Distribution according to the demand. For example 12 Ports with Full Power of 15.4 Watt or 24 Ports with half power of 7 Watt according to Class 2 for VoIP appliances
- Supported Standards: IEEE 802.3x Full-duplex and Flow Control, IEEE 802.3ad Trunk (Link Aggregation), IEEE 802.3af Power over Ethernet (PoE), IEEE 802.1Q VLAN, IEEE 802.1p Class of Service, IEEE 802.1d Spanning Tree Protocol
- Store and Forward technology
- Supports Port Configuration, Port Mirroring, Bandwidth Control, Broadcast Storm Control
- PoE On/Off setting via Web Management
- VLAN Setting Port-based 32 groups / Tag-based: 26 groups
- Trunk Setting 3 groups (1 - 4 port for each group)
- QoS support
- Supports MAC Address Filtering, TCP/UDP Filtering
- Backup/Recovery Configuration
- Inclusive Mounting Accessories for Rack Installation



291923 / DN-95314

24-Port PoE Web Smart Fast Ethernet Switch, Half Power

IPv6 Gigabit Ethernet PoE Web Smart 16 port Switch, 2 Combo ports



Integrated Power over Ethernet (PoE) and network management features for small and medium network environments

- Gigabit Ethernet Web Smart IPv6 PoE+ Switch
- IPv6 and IPv4 Dual Protocol - Future Proof
- 16 RJ45 ports
- 2 shared SFP ports
- PoE Power Output 48V/DC, max. 30W per Port
- PoE On/Off setting via Web Management
- Maximum Power Consumption of 130 Watt: Distribution according to the demand. For example 4 Ports with Full Power of 30 Watt or 16 Ports with half power of 7 Watt according to Class 2 for VoIP appliances
- 9 KB Jumbo Frames
- Store and Forward technology
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1Q, 802.3x, 802.1x, 802.3ad, 802.1d, 802.1w, 802.1p, 802.3af and 802.3at
- Auto MDI / MDI-X function
- 16K MAC addresses
- 8 QoS classes
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- 802.1x Port Authentication
- SNMP v1 and v2c Network Management
- Built-in Web-based management
- Suitable for rack mount (incl. mounting bracket)



307303 / DN-95315

IPv6 Gigabit Ethernet PoE Web Smart 16 port Switch, 2 Combo ports

Pv6 Gigabit Ethernet PoE Web Smart 24 port Switch, 2 Combo ports



Integrated Power over Ethernet (PoE) and network management features for small and medium network environments

- Gigabit Ethernet Web Smart IPv6 PoE+ Switch
- IPv6 and IPv4 Dual Protocol - Future Proof
- 24 RJ45 ports
- 2 shared SFP ports
- PoE Power Output 48V/DC, max. 30W per Port
- PoE On/Off setting via Web Management
- Maximum Power Consumption of 195 Watt: Distribution according to the demand. For example 6 Ports with Full Power of 30 Watt or 24 Ports with half power of 7 Watt according to Class 2 for VoIP appliances
- 9 KB Jumbo Frames
- Store and Forward technology
- Compatible to the following standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.1Q, 802.3x, 802.1x, 802.3ad, 802.1d, 802.1w, 802.1p, 802.3af and 802.3at
- Auto MDI / MDI-X function
- 16K MAC addresses
- 8 QoS classes
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation
- VLAN for Performance and Security
- 802.1x Port Authentication
- SNMP v1 and v2c Network Management
- Built-in Web-based management
- Suitable for rack mount (incl. mounting bracket)



307297 / DN-95316

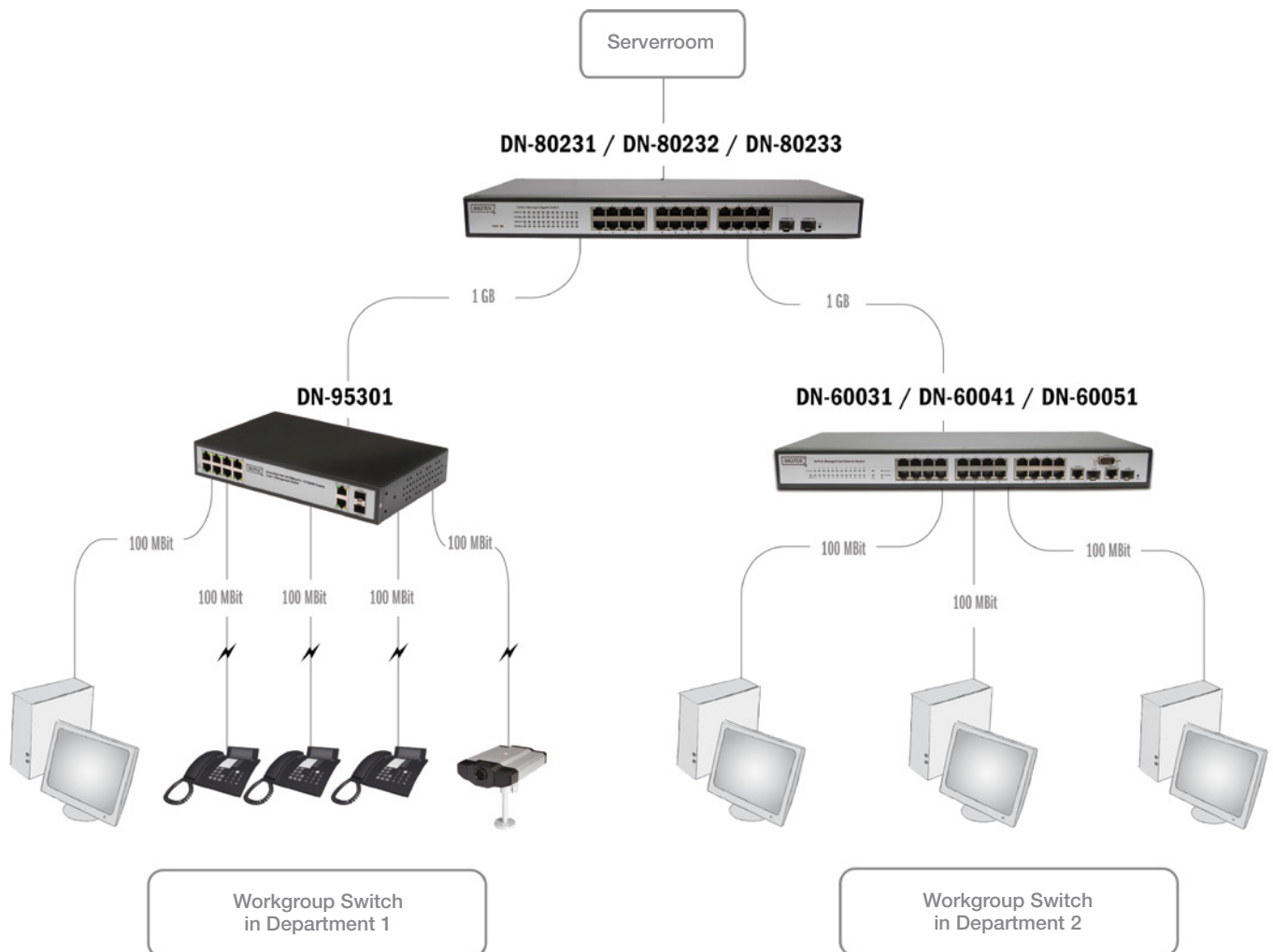
IPv6 Gigabit Ethernet PoE Web Smart 24 port Switch, 2 Combo ports

8-port Power over Ethernet Managed Workgroup Switch



Integrates Power over Ethernet (PoE) and network management features into one cost effective and scalable solution

- Layer 2 Managed Switch
- 8x 10Base-T/100Base-TX RJ45 Ports
- 100 Watt
- Flow Control and the Store and Forward technology
- Auto MDI / MDI-X function
- 8K MAC addresses
- 384KB buffer memory
- 5.6 Gbps throughput
- QoS support (4 queues)
- Port Mirroring for efficient network surveillance
- Port Trunk for Bandwidth Aggregation (4/3 groups)
- 2 Gigabit Combo Ports (RJ45 or Fiber SFP modules)
- Management via console, web or telnet
- SNMP, RMON support
- VLAN for Performance and Security
- Suitable for 19" rack mount (included mounting brackets)



Network Camera

The easy and comfortable solution for monitoring your home and business!

Feeling safe is priceless. For this reason you should never compromise on security. Do we not have enough worries these days? Hand a part over: This camera is ideal for reliable indoor monitoring.

The robust design raises no doubts that this might be a toy. The H.264 video standard ensures smooth, crystal clear images at a lower network load compared to legacy technologies.

The high resolution offers even the tiniest details. Not only the hardware is convincing: With auto motion detection and supplied software your equipment is future-proof and you save a lot of time! Just focus on the essential instead of painstakingly going through the daily recordings! Video images are only generated in case of activity.

- Large aperture lens (F1.9)
- Prime lens: 14.6mm
- Viewing Angle: 60°
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- Hybrid digital / analog video output
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/3" HR color CCD sensor
- Resolution: 768x494 pixel NTSC / 752x582 pixel PAL
- Min. Illumination 1 Lux
- Shutter Speed 1/60 (1/50) to 1/100,000 sec.
- Operating Temperature: 0°C - 40°C
- Power Source (±10%): DC12V / 0.5A
- Dimensions (mm): 152.5(L) x 115.2(W) x 40.2(H)

For more technical Details
please visit our Website:
www.digitus-ip-cams.com



DN-16060-1



DN-16060



DN-95202



292814 / **DN-16060-1**
Network Camera mit ONVIF-Unterstützung

279808 / **DN-16060**
Network Camera

279396 / **DN-95202**
PoE Splitter, 802.3af

Network Camera

The easy and comfortable solution for monitoring your home and business!



Feeling safe is priceless. For this reason you should never compromise on security. Do we not have enough worries these days? Hand a part over: This camera is ideal for reliable indoor monitoring. The robust design raises no doubts that this might be a toy.

The H.264 video standard ensures smooth, crystal clear images at a lower network load compared to legacy technologies. The high resolution offers even the tiniest details.

Not only the hardware is convincing: With auto motion detection and supplied software your equipment is future-proof and you save a lot of time! Just focus on the essential instead of painstakingly going through the daily recordings! Video images are only generated in case of activity.

- Large aperture lens (F1.5)
- Prime lens: f3.8mm
- Viewing Angle: 80.4° (diagonal)
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP, RTCP, IPv4, Bonjour, UPnP, DNS, UDP, IGMP, QoS
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/3" HR image sensor
- Resolution: 720x576 pixel (D1 Format)
- Min Illumination 0.1 Lux / F1.5
- Shutter Speed 1/60 (1/50) to 1/900,000 sec.
- Operating Temperature: 0°C - 40°C
- Power Source (±10%): DC5V / 1.0A
- Dimensions (mm): 126(L) x 87(W) x 40(H)



For more technical Details
please visit our Website:
www.digitus-ip-cams.com



DN-95202



309871 / DN-16066
Network Camera

279396 / DN-95202
PoE Splitter, 802.3af

Advanced Network Camera

Suits your surveillance needs at day and night

Feeling safe is priceless. For this reason you should never compromise on security. Do we not have enough worries these days? Hand a part over: This camera is ideal for reliable indoor monitoring.

The robust design raises no doubts that this might be a toy. The H.264 video standard ensures smooth, crystal clear images at a lower network load compared to legacy technologies.

The high resolution offers even the tiniest details. Not only the hardware is convincing: With auto motion detection and supplied software your equipment is future-proof and you save a lot of time! Just focus on the essential instead of painstakingly going through the daily recordings! Video images are only generated in case of activity.

- True Day and Night surveillance
- Large aperture lens (F1.9)
- Prime lens: f4.6mm
- Viewing Angle: 60°
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Wireless LAN function with the usage of a wireless LAN USB Stick with Ralink Chipset (e.g. the DIGITUS® Antenna adapter DN-7044)
- Low-latency video streaming with H.264 compression format
- Hybrid digital / analog video output
- Built-in microphone & external microphone input
- External audio output
- External alarm input
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/3" HR color CCD sensor
- Resolution: 768x494 pixel NTSC / 752x582 pixel PAL
- Min Illumination 0 Lux (IR ON)
- Shutter Speed 1/60 (1/50) to 1/100,000 sec.
- IR effective distance up to 10 meters
- Operating Temperature: 0°C - 40°C
- Power Source (±10%): DC12V / 1A
- Dimensions (mm): 152.5(L) x 115.2(W) x 40.2(H)

For more technical Details
please visit our Website:
www.digitus-ip-cams.com



ONVIF

DN-16061-1



DN-16061



DN-95202



292821 / DN-16061-1
Advanced Network Camera mit ONVIF-Unterstützung

279815 / DN-16061
Advanced Network Camera

279396 / DN-95202
PoE Splitter, 802.3af

Advanced Wireless Network Camera

Suits your surveillance needs at day and night



Feeling safe is priceless. For this reason you should never compromise on security. Do we not have enough worries these days? Hand a part over: This camera is ideal for reliable indoor monitoring.

The robust design raises no doubts that this might be a toy. The H.264 video standard ensures smooth, crystal clear images at a lower network load compared to legacy technologies.

The high resolution offers even the tiniest details. Not only the hardware is convincing: With auto motion detection and supplied software your equipment is future-proof and you save a lot of time! Just focus on the essential instead of painstakingly going through the daily recordings! Video images are only generated in case of activity.

- True Day and Night surveillance
- Wireless LAN according to the newest 11n Standard for fluent image transmission
- Meets the highest security requirements (WPA2 Encryption)
- Large aperture lens (F1.9)
- Prime lens: f4.6mm
- Viewing Angle: 60°
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- Hybrid digital / analog video output
- Built-in microphone & external microphone input
- External audio output
- External alarm input
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/3" HR color CCD sensor
- Resolution: 768x494 pixel NTSC / 752x582 pixel PAL
- Min Illumination 0 Lux (IR ON)
- Shutter Speed 1/60 (1/50) to 1/100,000 sec.
- IR effective distance up to 10 meters
- Operating Temperature: 0°C - 40°C
- Power Source ($\pm 10\%$): DC12V / 1A
- Dimensions (mm): 152.5(L) x 115.2(W) x 40.2(H)



For more technical Details
please visit our Website:
www.digitus-ip-cams.com



Advanced Network Camera

Suits your surveillance needs at day and night



Feeling safe is priceless. For this reason you should never compromise on security. Do we not have enough worries these days? Hand a part over: This camera is ideal for reliable indoor monitoring.

The robust design raises no doubts that this might be a toy. The H.264 video standard ensures smooth, crystal clear images at a lower network load compared to legacy technologies.

The high resolution offers even the tiniest details. Not only the hardware is convincing: With auto motion detection and supplied software your equipment is future-proof and you save a lot of time! Just focus on the essential instead of painstakingly going through the daily recordings! Video images are only generated in case of activity.

- True Day and Night surveillance
- Large aperture lens (F1.5)
- Prime lens: f3.8mm
- Viewing Angle: 80.4° (diagonal)
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Built-in 10 MB Memory for Video Storage
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- Built-in loudspeaker and microphone for two-way communication
- External alarm input
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP, RTCP, IPv4, Bonjour, UPnP, DNS, UDP, IGMP, QoS
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/3" HR image sensor
- Resolution: 720x576 pixel (D1 Format)
- Min Illumination 0.1 Lux / F1.5, 0 Lux (LED ON)
- Shutter Speed 1/60 (1/50) to 1/900,000 sec.
- IR effective distance up to 10 meters
- Operating Temperature: 0°C - 40°C
- Power Source (±10%): DC5V / 1.0A
- Dimensions (mm): 126(L) x 87(W) x 40(H)



For more technical Details
please visit our Website:
www.digitus-ip-cams.com



DN-95202



309888 / DN-16067
Advanced Network Camera

279396 / DN-95202
PoE Splitter, 802.3af

Advanced Network Fixed Dome Camera

Always the best viewing angle due to the Smart Zoom function



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- 2.25x Optical Smart Zoom
- Smart Zoom: Zoom on the object that triggered the alarm
- Optical Zoom lens: f4.0mm - f9.0mm
- Viewing Angle: 75° - 36°
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/3" HR color CCD sensor
- Resolution: 771x492 pixel NTSC / 753x582 pixel PAL
- Min Illumination 0.4 Lux / F1.8
- Shutter Speed 1/60 (1/50) to 1/100,000 sec.
- Operating Temperature: 0°C - 40°C
- Power Source (±10%): DC12V / 1.5A
- Dimensions (mm): 124.3(D) x 102(H)



DN-16058-1

For more technical Details
please visit our Website:
www.digitus-ip-cams.com



DN-16058



DN-95203



292791 / **DN-16058-1**
Advanced Network Fixed Dome Camera mit UNVIF-Unterstützung

284109 / **DN-16058**
Advanced Network Fixed Dome Camera

305644 / **DN-16057-2**
Netzteil für Advanced Network Fixed Dome Camera

279402 / **DN-95203**
PoE Splitter, 802.3at

Network Bullet Camera

The high performance outdoor surveillance camera solution with IP67!



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- True Day and Night surveillance
- Large aperture lens (F1.4)
- Prime lens: 16.0mm
- Viewing Angle: 48°
- Weatherproof IP67 outdoor design with cable management
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/3" HR color CCD sensor
- Resolution: 768x494 pixel NTSC / 752x582 pixel PAL
- Min. Illumination 0.05 Lux / F1.4, 0 Lux (IR ON)
- Shutter Speed 1/60 (1/50) to 1/100,000 sec.
- IR effective distance up to 40 meters with 56 IR LEDs
- Smart Light Control for optimal brightness, contrast and exposure results
- IP Rating 67
- Operating Temperature: -20°C - 40°C
- Power Source (±10%): DC12V / 1.5A
- Dimensions (mm): 282.4(L) x 115.6(W) x 212.63(H)



For more technical Details
please visit our Website:
www.digitus-ip-cams.com



DN-95203



292760 / DN-16053-1

Network Bullet Camera

305644 / DN-16057-2

Netzteil für Network Bullet Camera

279402 / DN-95203

PoE Splitter, 802.3at

Network Bullet Camera

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- True Day and Night surveillance
- Large aperture lens (F1.5)
- Prime lens: f3.8mm
- Viewing Angle: 80.4° (diagonal)
- Weatherproof IP67 outdoor design with cable management
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP, RTCP, IPv4, Bonjour, UPnP, DNS, UDP, IGMP, QoS
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/3" HR image sensor
- Resolution: 720x576 pixel (D1 Format)
- Min. Illumination 0.1 Lux / F1.5, 0 Lux (LED ON)
- Shutter Speed 1/60 (1/50) to 1/900,000 sec.
- IR effective distance up to 20 meters with 35 IR LEDs
- IP Rating 67
- Operating Temperature: -20°C - 40°C
- Power Source (±10%): DC12V / 1A
- Dimensions (mm): 150.98(L) x 67.76(H)

For more technical Details
please visit our Website:
www.digitus-ip-cams.com



ONVIF



DN-95203



309925 / DN-16071
Network Bullet Camera

305644 / DN-16057-2
Netzteil für Network Bullet Camera

279402 / DN-95203
PoE Splitter, 802.3at

Advanced Network Bullet Camera

Crystal clear and detailed view due to the optical zoom with autofocus lens



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- True Day and Night surveillance
- Large aperture lens (F1.8)
- Optical Zoom lens: f4.0mm - f9.0mm
- Smart Zoom: Zoom on the object that triggered the alarm
- Viewing Angle: 75° - 36°
- Weatherproof IP67 outdoor design with cable management
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/3" HR color CCD sensor
- Resolution: 768x494 pixel NTSC / 752x582 pixel PAL
- Min Illumination 0.05 Lux / F1.4, 0 Lux (IR ON)
- Shutter Speed 1/60 (1/50) to 1/100,000 sec.
- IR effective distance up to 40 meters with 56 IR LEDs
- Smart Light Control for optimal brightness, contrast and exposure results
- IP Rating 67
- Operating Temperature: -20°C - 40°C
- Power Source (±10%): AC100V ~ 240V
- Dimensions (mm): 282.4(L) x 117.89(W) x 212.63(H)



For more technical Details
please visit our Website:
www.digitus-ip-cams.com



Advanced Network Speed Dome Camera



Crystal clear panoramic and detailed telephoto view due to the 22x optical zoom with autofocus lens

Feeling safe is priceless. For this reason you should never compromise on security. Do we not have enough worries these days? Hand a part over: This camera is ideal for reliable indoor monitoring.

The robust design raises no doubts that this might be a toy. The H.264 video standard ensures smooth, crystal clear images at a lower network load compared to legacy technologies.

The high resolution offers even the tiniest details. Not only the hardware is convincing: With auto motion detection and supplied software your equipment is future-proof and you save a lot of time! Just focus on the essential instead of painstakingly going through the daily recordings! Video images are only generated in case of activity.

- 22x Optical Zoom with Auto Focus
- Optical zoom lens: f3.9mm - f85.9mm
- Smart Zoom: Zoom on the object that triggered the alarm
- Viewing Angle: 4° - 60°
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/4" Sony color Super HAD CCD sensor
- Resolution: 768x494 pixel NTSC / 752x582 pixel PAL
- Min Illumination 0.3 Lux / F1.6
- Shutter Speed 1/60 (1/50) to 1/100,000 sec.
- Operating Temperature: -20°C - 40°C
- IP protection class IP66
- Power Source (±10%): DC12V / 1.5A
- Dimensions (mm): 306(L) x 125(W) x 229(H)



For more technical Details
please visit our Website:
www.digitus-ip-cams.com



DN-95203



DN-16056



292784 / **DN-16055-2**
Advanced Network Speed Dome Camera

251712 / **DN-16056**
Wandhalterung für Advanced Network Speed Dome Camera

305644 / **DN-16057-2**
Netzteil für Advanced Network Speed Dome Camera

279402 / **DN-95203**
PoE Splitter, 802.3at

Advanced Network Speed Dome Camera

Crystal clear panoramic and detailed telephoto view due to the 22x optical zoom with autofocus lens



- 22x Optical Zoom with Auto Focus
- Optical zoom lens: f3.9mm - f85.9mm
- Smart Zoom: Zoom on the object that triggered the alarm
- Viewing Angle: 4° - 60°
- Weatherproof IP67 outdoor design with cable management
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/4" Sony color Super HAD CCD sensor
- Resolution: 768x494 pixel NTSC / 752x582 pixel PAL
- Min. Illumination 0.3 Lux / F1.6
- Shutter Speed 1/60 (1/50) to 1/100,000 sec.
- IP Rating 67
- Weight: 1.75 kg + 5.30 kg (bracket + housing)
- Dimensions: 323 (L) x 220 (Ø) x 339 (H) mm
- Operating Temperature: -10°C ~ 50°C / Fan: 40°C on, 30°C off
- Power Source / Consumption: DC 12V / max. 36W
- Suitable Power Adapter: DC 12V / 3.3A

For more technical Details
please visit our Website:
www.digitus-ip-cams.com



HD Network Camera

High Resolution - For a crisp view of the smallest details

Feeling safe is priceless. For this reason you should never compromise on security. Do we not have enough worries these days? Hand a part over: This camera is ideal for reliable indoor monitoring.

The robust design raises no doubts that this might be a toy. The H.264 video standard ensures smooth, crystal clear images at a lower network load compared to legacy technologies.

The high resolution offers even the tiniest details. Not only the hardware is convincing: With auto motion detection and supplied software your equipment is future-proof and you save a lot of time! Just focus on the essential instead of painstakingly going through the daily recordings! Video images are only generated in case of activity.

- True Day and Night surveillance
- Large aperture lens (F1.5)
- Prime lens: f4.0mm
- Viewing Angle: 75°
- High resolution and best video performance
- Future Proof - Compatible to all ONVIF devices
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser (Support for all common browser, like Firefox, Safari, Chrome, Internet Explorer) or CMS software (Supports Windows 7, Vista, XP) for up to 16 network cameras control simultaneously
- Image Sensor: 1/3" 1.3 Megapixel HR color MOS sensor
- Resolution: 1024x768 pixel NTSC / PAL
- Min. Illumination 0.1 Lux / F1.5, 0 Lux (LED ON)
- Shutter Speed 1/60 (1/50) to 1/100,000 sec.
- Effective Night View distance up to 10 meters with white LED
- Operating Temperature: 0°C - 40°C
- Power Source (±10%): DC5V / 1.2A
- Dimensions (mm): 41(L) x 59(W) x 95.4(H)

For more technical Details
please visit our Website:
www.digitus-ip-cams.com



DN-95202



292753 / DN-16062
HD Network Surveillance Camera

279396 / DN-95202
PoE Splitter, 802.3af

HD Network Camera

High Resolution - For a crisp view of the smallest details

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- Large aperture lens (F1.5)
- Prime lens: 13.8mm
- Viewing Angle: 62.7° (diagonal)
- High resolution and best video performance
- Future Proof - Compatible to all ONVIF devices
- Enhanced motion detection and alarm notification functions
- PIR sensor for effective motion detection
- Built-in 10 MB Memory for Video Storage
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- Built-in microphone
- External alarm output and input
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Image Sensor: 1/4" Sony CMOS image sensor
- Resolution: 1280x1024 pixel NTSC / PAL
- Min Illumination 0.1 Lux / F1.5
- Shutter Speed: 1 / 2 sec to 1 / 10000 sec.
- Operating Temperature: 0°C - 40°C
- Power Source (±10%): DC5V / 1.0A
- Dimensions (mm): 41(L) x 59(W) x 95.4(H)

For more technical Details
please visit our Website:
www.digitus-ip-cams.com



DN-95202



309895 / DN-16068
HD Network Camera

279396 / DN-95202
PoE Splitter, 802.3af

Advanced HD Network Fixed Dome Camera

High Resolution - For a crisp view of the smallest details



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- True Day and Night surveillance
- Large aperture lens (F1.5)
- Prime lens: f3.8mm
- Viewing Angle: 62.7° (diagonal)
- High resolution and best video performance
- Future Proof - Compatible to all ONVIF devices
- Enhanced motion detection and alarm notification functions
- Built-in 10 MB Memory for Video Storage
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- Built-in loudspeaker and microphone for two-way communication
- External alarm output and input
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP, RTCP, IPv4, Bonjour, UPnP, DNS, UDP, IGMP, QoS
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Image Sensor: 1/4" Sony HR image sensor
- Resolution: 1280x1024 pixel NTSC / PAL
- Min. Illumination 0.1 Lux / F1.5, 0 Lux (LED ON)
- Shutter Speed: 1 / 2 sec to 1 / 10000 sec.
- IR effective distance up to 10 meters
- Operating Temperature: 0°C - 40°C
- Power Source: Power over Ethernet, 802.3af
- Dimensions (mm): 130(D) x 90.5(H)



For more technical Details
please visit our Website:
www.digitus-ip-cams.com



DN-95102



309901 / DN-16069
Advanced HD Network Fixed Dome Camera

279303 / DN-95102
PoE Energieversorger, 802.3af

HD Network Bullet Camera

High Resolution - For a crisp view of the smallest details



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- True Day and Night surveillance
- Large aperture lens (F1.8)
- Prime lens: 16.0mm
- Viewing Angle: 62°
- Weatherproof IP67 outdoor design with cable management
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/3" 1.3 Megapixel HR color MOS sensor
- Resolution: 1280x1024 pixel NTSC / PAL
- Min Illumination 0.2 Lux / F1.8, 0 Lux (IR ON)
- Shutter Speed 1/60 to 1/60,000 sec.
- IR effective distance up to 25 meters with 56 IR LEDs
- IP Rating 67
- Operating Temperature: -20°C - 40°C
- Power Source (±10%): DC12V / 1.5A
- Dimensions (mm): 282.4(L) x 117.9(W) x 212.63(H)



For more technical Details
please visit our Website:
www.digitus-ip-cams.com



292807 / DN-16059-1
HD Network Surveillance Camera

305644 / DN-16057-2
Netzteil für HD Network Surveillance Camera

279402 / DN-95203
PoE Splitter, 802.3at

Advanced HD Network Bullet Camera

High Resolution - For a crisp view of the smallest details



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- True Day and Night surveillance
- Large aperture lens (F1.8)
- Optical Zoom lens: f4.0mm - f9.0mm
- Smart Zoom: Zoom on the object that triggered the alarm
- Viewing Angle: 75° - 36°
- Weatherproof IP67 outdoor design with cable management
- High resolution and best video performance
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Image Sensor: 1/3" 1.3 Megapixel HR color MOS sensor
- Resolution: 1280x1024 pixel NTSC / PAL
- Min. Illumination 0.3 Lux / F1.8
- Shutter Speed 1/60 (1/50) to 1/100,000 sec.
- IR effective distance up to 40 meters with 56 IR LEDs
- Smart Light Control for optimal brightness, contrast and exposure results
- IP Rating 67
- Operating Temperature: -20°C - 40°C
- Power Source (±10%): AC100V ~ 240V
- Dimensions (mm): 282.4(L) x 117.89(W) x 212.63(H)



For more technical Details
please visit our Website:
www.digitus-ip-cams.com



Advanced HD Network Bullet Camera

High Resolution - For a crisp view of the smallest details

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- True Day and Night surveillance
- Large aperture lens (F1.5)
- Prime lens: f3.8mm
- Viewing Angle: 62.7° (diagonal)
- Weatherproof IP67 outdoor design with cable management
- High resolution and best video performance
- Future Proof - Compatible to all ONVIF devices
- Enhanced motion detection and alarm notification functions
- Built-in 10 MB Memory for Video Storage
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- Low-latency video streaming with H.264 compression format
- External alarm output and input
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP, RTCP, IPv4, Bonjour, UPnP, DNS, UDP, IGMP, QoS
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Image Sensor: 1/4" Sony HR image sensor
- Resolution: 1280x1024 pixel NTSC / PAL
- Min. Illumination 0.1 Lux / F1.5, 0 Lux (LED ON)
- Shutter Speed: 1 / 2 sec to 1 / 10000 sec.
- IR effective distance up to 20 meters with 35 IR LEDs
- Operating Temperature: -20°C - 40°C
- Power Source: Power over Ethernet, 802.3af
- Dimensions (mm): 150.98(L) x 67.76(H)

For more technical Details
please visit our Website:
www.digitus-ip-cams.com



DN-95102



309918 / DN-16070
Advanced HD Network Bullet Camera

279303 / DN-95102
PoE Energieversorger, 802.3af

H.264 Video Server

Offers the full digital Benefits to analog Cameras!



- Turn your traditional analog camera into a network camera and allow users to view live images using a web browser or our CMS software
- Video Input: 1 channel for analog & digital products, 1.0 Vp-p 75 composite, BNC
- High resolution and best video performance
- Low-latency video streaming with H.264 compression format
- De-Blocking and De-Interlacing for sharp and clear images
- External alarm output and input
- External audio output and input
- Enhanced motion detection and alarm notification functions
- Alarm and event notification by FTP and Email
- Powerful mobile surveillance supporting iPhone, Blackberry and WinCE devices
- LAN Speed: 10/100Base-TX Ethernet
- Supported Protocols: DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP, RTSP
- Frame Rate NTSC: 30, PAL: 25
- Number of Online Users: 10
- Security: Multiple user access levels with password protection
- Management by web browser or CMS software for up to 16 network cameras control simultaneously
- Compatible to the future proof ONVIF Standard
- Resolution: 704x480 pixel NTSC / 704x576 pixel PAL
- Operating Temperature: 0°C - 40°C
- Power Source ($\pm 10\%$): DC12V / 1A
- Dimensions (mm): 118.6(L) x 75(W) x 28.6(H)



NAS, 2-port SATA HDD enclosure

Easy share, exchange and access files over the network - also suitable as a Backup solution, Mediaserver or filesharing on the internet

This powerful Network Attached Storage System allows comfortable access to your data. With Gigabit connection nothing obstructs a passage at lightning speed. Offer all your multimedia matters in your network. Transferring your data to NAS couldn't be easier. Via USB-Connection you copy by push of a button. So a backup of your personal and commercial data becomes a child's play.

- Two drawer drive bays designed to easily customize for various storage needs
- Built-in FTP and Samba server
- Gigabit Ethernet
- Supports CIFS, FAT32, EXT2, EXT3 file systems
- Provides USB mass storage sharing function
- Share files via FTP or Network Neighborhood
- FTP/HTTP download agent
- Supports P2P download (Bit Torrent)
- Supports Media Server
- Supports iTunes Server
- Supports USB disk Auto-Copy function
- Web Configuration



243250 / DN-7024

NAS for 2 SATA HDDs, 2 USB mass storage devices

Mini NAS server for external USB HDD

The compact and energy efficient NAS Server for sharing your files on the network!

- The mini NAS Server enables USB 2.0 HDDs to access the network
- NAS function (Network Attached Storage) to provide centralized data access and storage to the network
- Easy provides storage space for expansion, sharing and backup to the whole network
- RJ45 network connector for Fast Ethernet 10/100 Mbps
- Samba and FTP Server for easy file access
- BitTorrent Server for automatic downloads, even when the computer is switched off
- Easy access of photos, movies or music over iTunes, Xbox 360 and Playstation 3
- Supports Windows 7, Vista, XP, Mac OS X and Linux
- Energy consumption 2.5 Watt



272977 / DN-7023-1

NAS server for external USB HDD

Gigabit NAS server for external USB HDD

The compact and energy efficient NAS Server for sharing your files on the network!

- The Gigabit NAS Server enables USB 2.0 HDDs to access the network
- NAS function (Network Attached Storage) to provide centralized data access and storage to the network
- Easy provides storage space for expansion, sharing and backup to the whole network
- Two USB Ports for up to two external Hard Disk Drives
- RJ45 network connector for Gigabit Ethernet 10/100/1000 Mbps
- Easy data backup between the connected HDDs by push button
- Samba and FTP Server for easy file access
- BitTorrent Server for automatic downloads, even when the computer is switched off
- Easy access of photos, movies or music over iTunes, Xbox 360 and Playstation 3
- Supports FAT 32 file system with up to 127 GB file size
- Supports Windows 7, Vista, XP, Mac OS X and Linux



308362 / DN-70230

Gigabit NAS server for external USB HDD

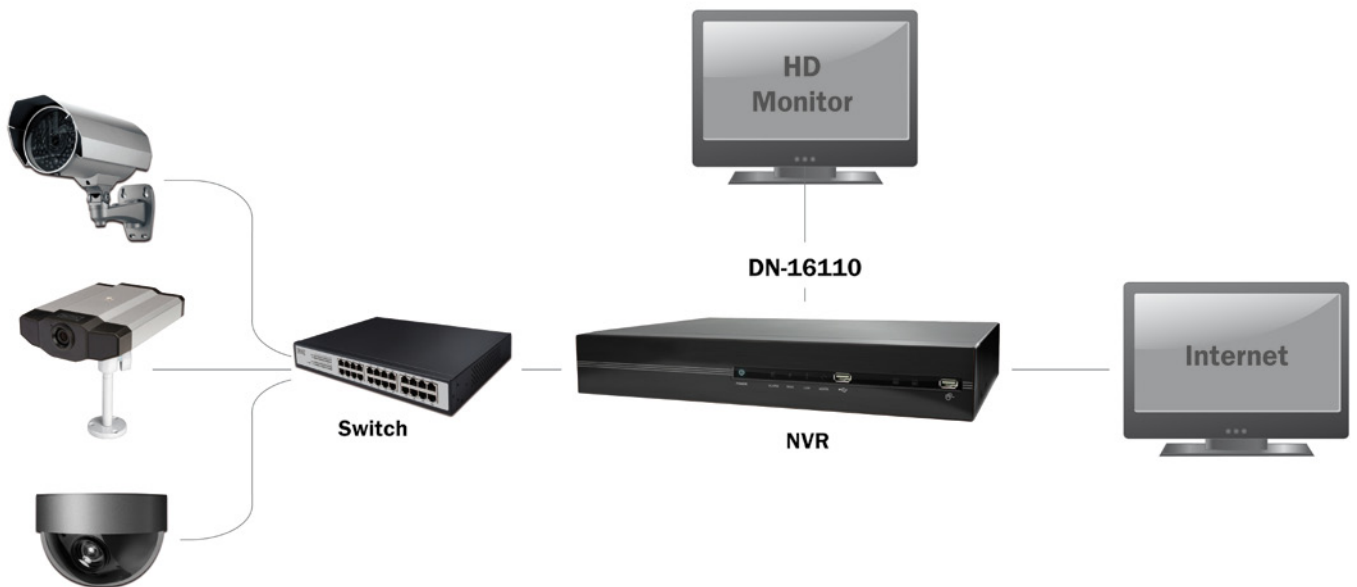
Network Video Recorder for IP Cams, 6 Channels

Real Full HD HDMI Output for the best Image Quality



It was never easier to set up complete Surveillance Solution with the DIGITUS® Network Video Recorder. In Addition to the DIGITUS® Professional IP Cameras you can manage your facility surveillance. The powerful Operating System of the device is not only able to take a look at the images on a workstation. It also lets you access your system over the internet. If you check the system online with a notebook or from your Cell Phone with Android or iPhone Operating System. It is up to you!

- Real-time monitoring and recording (video/audio) from multiple IP cameras (up to 6 channels)
- Suitable for two 3.5" (8.89cm) Hard Disk Drives
- High quality H.264, MPEG-4, and M-JPEG recording (depending on the camera models)
- LAN Speed: 10/100/1000Base-T Gigabit Ethernet
- Complete recording features
- Megapixel recording
- Full HD HDMI Output for best Image Quality on a LCD Screen
- PC-less network surveillance by HD local display
- Two USB Ports: One for Video Backup to USB Flash Drives and another for NVR Control by USB Mouse
- Advanced event management
- Trouble-free installation
- UPS Support for 24/7 service



VioStor Rack NVR, 16 Channels

The Linux-based system supports PC-less quick configuration, monitoring of IP cameras over the network, and video playback by connecting a monitor to the built-in VGA connector, a USB keyboard, and a USB mouse.

QNAP VS-4016U-PR Pro Series NVRs are the new generation 4-bay, 1U rackmount model of network surveillance system providing high quality megapixel recording, 24/7 uninterrupted recording and high performance real-time monitoring. The NVR supports multi-channel H.264, MxPEG, MPEG-4, and M-JPEG recording over 800 network camera models from many popular brands, e.g. DIGITUS®.

The VioStor NVR houses 4 SATA hard drives and supports secure data protection by RAID 1/ 5/ 5 + hot spare/ 6. It is capable of megapixel recording (up to 8-megapixel) and multi-server monitoring, a unique feature to allow the users to monitor up to 128 IP cameras from multiple QNAP NVR servers without any extra software. Diversified recording modes such as scheduled recording, alarm recording, alarm recording schedule, motion-detection recording, pre-alarm, and post-alarm recordings are provided. The NVR supports enhanced video search by intelligent video analytics (IVA), including motion detection, foreign object, missing object, out of focus, and camera occlusion.

The VioStor NVR offers advanced event management to support more alarm event types and handling options. The event types include motion detection, network disconnection, recording failure, and even self-defined events. Individual user type and access rights can also be assigned for strengthened user account management and secure system access. The NVR is an excellent solution for small to large-scale surveillance deployment.

- Real-time monitoring and recording (video/audio) from multiple IP cameras (up to 16 channels)
- Suitable for four 3.5" (8.89cm) Hard Disk Drives
- High quality H.264, MPEG-4, M-JPEG, and MxPEG recording (depending on the camera models)
- Complete recording features
- Megapixel recording (up to 8-megapixel)
- PC-less network surveillance by HD local display
- Multi-server monitoring (up to 128 channels)
- Dual display mode
- Video search by date and time, timeline, and event
- Intelligent video analytics (IVA)
- Multi-view playback from multiple NVR servers
- Digital watermarking
- Advanced event management
- Real-time SMS and email alert
- Live monitoring on Windows PDA phone by VMobile
- Trouble-free installation
- Linux-embedded, highly reliable standalone NVR
- Advanced RAID with hot-swappable hard drives design
- Online RAID capacity expansion and online RAID level migration
- UPS Support for 24/7 service
- Intelligent auto power on after power recovery
- Energy-saving design (only 62W in operation)



VioStor Rack NVR, 24 Channels

QNAP VS-4016U-PR Pro Series NVRs are the new generation 4-bay, 1U rackmount model of network surveillance system providing high quality megapixel recording, 24/7 uninterrupted recording and high performance real-time monitoring. The NVR supports multi-channel H.264, MxPEG, MPEG-4, and M-JPEG recording over 800 network camera models from many popular brands, e.g. DIGITUS®.

The VioStor NVR houses 4 SATA hard drives and supports secure data protection by RAID 1/ 5/ 5 + hot spare/ 6. It is capable of megapixel recording (up to 8-megapixel) and multi-server monitoring, a unique feature to allow the users to monitor up to 128 IP cameras from multiple QNAP NVR servers without any extra software. Diversified recording modes such as scheduled recording, alarm recording, alarm recording schedule, motion-detection recording, pre-alarm, and post-alarm recordings are provided. The NVR supports enhanced video search by intelligent video analytics (IVA), including motion detection, foreign object, missing object, out of focus, and camera occlusion.

The VioStor NVR offers advanced event management to support more alarm event types and handling options. The event types include motion detection, network disconnection, recording failure, and even self-defined events. Individual user type and access rights can also be assigned for strengthened user account management and secure system access. The NVR is an excellent solution for small to large-scale surveillance deployment.

- Exclusive Linux-embedded system, Intel® Core™2 Duo 2.8GHz CPU and 2GB DDRII memory
- Real-time monitoring and recording (video/ audio) from multiple network cameras (up to 24 channels)
- Suitable for eight 3.5" (8.89cm) Hard Disk Drives
- High quality H.264, MxPEG, MPEG-4, and M-JPEG recording (varied by camera models)
- Supports recording from megapixel IP cameras (up to 8-megapixel)
- Complete recording features: schedule recording, alarm recording, alarm recording schedule, motion-detection recording, pre-alarm, and post-alarm recordings, etc.
- Up to 16TB storage capacity for long-term recording
- Multi-server monitoring: Supports monitoring of up to 128 channels
- Easy Data Search by Date & Time, Timeline, Event, Intelligent Video Analytics (IVA)
- Remote management: access and playback recordings by web browser, FTP, and Network Neighborhood anytime, anywhere
- Trouble-free 6-step installation
- Smart search of IP cameras for quick configuration
- Centralized monitoring with „Click-to-Go“ PTZ control and adjustable display mode
- Digital zoom for monitoring and playback
- The display order of the monitoring channels can be changed by drag and drop
- Event notification on monitoring screen
- Real-time SMS and email alert
- Detailed event and system logs (include users' networking services and recording data access record)
- Schedule remote replication to NAS (Network Attached Storage) for video backup
- Unique online user list function and access authority control
- Multi-channel playback at different speed
- Enhanced file security by digital watermarking
- Automatic system startup when the power resumes after power outage
- Redundant Power Supply
- Ultra-high-end RAID (RAID 0/ 1/ 5/ 5+ hot spare / 6/ 6+ hot spare / JBOD) to protect all the important recordings in the most secure way
- Online RAID capacity expansion and online RAID level migration
- Two Gigabit LAN ports for failover, load-balancing, or multi-IP setting
- Supports UPS (Uninterruptible Power Supply) for 24x7 service



VioStor Rack NVR, 32 Kanäle

QNAP VS-4016U-PR Pro Series NVRs are the new generation 4-bay, 1U rackmount model of network surveillance system providing high quality megapixel recording, 24/7 uninterrupted recording and high performance real-time monitoring. The NVR supports multi-channel H.264, MxPEG, MPEG-4, and M-JPEG recording over 800 network camera models from many popular brands, e.g. DIGITUS®.

The VioStor NVR houses 4 SATA hard drives and supports secure data protection by RAID 1/ 5/ 5 + hot spare/ 6. It is capable of megapixel recording (up to 8-megapixel) and multi-server monitoring, a unique feature to allow the users to monitor up to 128 IP cameras from multiple QNAP NVR servers without any extra software. Diversified recording modes such as scheduled recording, alarm recording, alarm recording schedule, motion-detection recording, pre-alarm, and post-alarm recordings are provided. The NVR supports enhanced video search by intelligent video analytics (IVA), including motion detection, foreign object, missing object, out of focus, and camera occlusion.

The VioStor NVR offers advanced event management to support more alarm event types and handling options. The event types include motion detection, network disconnection, recording failure, and even self-defined events. Individual user type and access rights can also be assigned for strengthened user account management and secure system access. The NVR is an excellent solution for small to large-scale surveillance deployment.

- Exclusive Linux-embedded system, Intel® Core™2 Duo 2.8GHz CPU and 2GB DDRII memory
- Real-time monitoring and recording (video/ audio) from multiple network cameras (up to 32 channels)
- Suitable for eight 3.5" (8.89cm) Hard Disk Drives
- High quality H.264, MxPEG, MPEG-4, and M-JPEG recording (varied by camera models)
- Supports recording from megapixel IP cameras (up to 8-megapixel)
- Complete recording features: schedule recording, alarm recording, alarm recording schedule, motion-detection recording, pre-alarm, and post-alarm recordings, etc.
- Up to 16TB storage capacity for long-term recording
- Multi-server monitoring: Supports monitoring of up to 128 channels
- Easy Data Search by Date & Time, Timeline, Event, Intelligent Video Analytics (IVA)
- Remote management: access and playback recordings by web browser, FTP, and Network Neighborhood anytime, anywhere
- Trouble-free 6-step installation
- Smart search of IP cameras for quick configuration
- Centralized monitoring with „Click-to-Go“ PTZ control and adjustable display mode
- Digital zoom for monitoring and playback
- The display order of the monitoring channels can be changed by drag and drop
- Event notification on monitoring screen
- Real-time SMS and email alert
- Detailed event and system logs (include users' networking services and recording data access record)
- Schedule remote replication to NAS (Network Attached Storage) for video backup
- Unique online user list function and access authority control
- Multi-channel playback at different speed
- Enhanced file security by digital watermarking
- Automatic system startup when the power resumes after power outage
- Redundant Power Supply
- Ultra-high-end RAID (RAID 0/ 1/ 5/ 5+ hot spare / 6/ 6+ hot spare / JBOD) to protect all the important recordings in the most secure way
- Online RAID capacity expansion and online RAID level migration
- Two Gigabit LAN ports for failover, load-balancing, or multi-IP setting
- Supports UPS (Uninterruptible Power Supply) for 24x7 service



VioStor Rack NVR, 40 Kanäle

QNAP VS-4016U-PR Pro Series NVRs are the new generation 4-bay, 1U rackmount model of network surveillance system providing high quality megapixel recording, 24/7 uninterrupted recording and high performance real-time monitoring. The NVR supports multi-channel H.264, MxPEG, MPEG-4, and M-JPEG recording over 800 network camera models from many popular brands, e.g. DIGITUS®.

The VioStor NVR houses 4 SATA hard drives and supports secure data protection by RAID 1/ 5/ 5 + hot spare/ 6. It is capable of megapixel recording (up to 8-megapixel) and multi-server monitoring, a unique feature to allow the users to monitor up to 128 IP cameras from multiple QNAP NVR servers without any extra software. Diversified recording modes such as scheduled recording, alarm recording, alarm recording schedule, motion-detection recording, pre-alarm, and post-alarm recordings are provided. The NVR supports enhanced video search by intelligent video analytics (IVA), including motion detection, foreign object, missing object, out of focus, and camera occlusion.

The VioStor NVR offers advanced event management to support more alarm event types and handling options. The event types include motion detection, network disconnection, recording failure, and even self-defined events. Individual user type and access rights can also be assigned for strengthened user account management and secure system access. The NVR is an excellent solution for small to large-scale surveillance deployment.

- Exclusive Linux-embedded system, Intel® Core™2 Duo 2.8GHz CPU and 2GB DDRII memory
- Real-time monitoring and recording (video/ audio) from multiple network cameras (up to 40 channels)
- Suitable for eight 3.5" (8.89cm) Hard Disk Drives
- High quality H.264, MxPEG, MPEG-4, and M-JPEG recording (varied by camera models)
- Supports megapixel recording (up to 8-megapixel)
- Complete recording features: schedule recording, alarm recording, alarm recording schedule, motion-detection recording, pre-alarm, and post-alarm recordings, etc.
- Up to 16TB storage capacity for long-term recording
- Multi-server monitoring: Supports monitoring of up to 128 channels
- Easy Data Search by Date & Time, Timeline, Event, Intelligent Video Analytics (IVA)
- Remote management: access and playback recordings by web browser, FTP, and Network Neighborhood anytime, anywhere
- Trouble-free 6-step installation
- Smart search of IP cameras for quick configuration
- Centralized monitoring with „Click-to-Go“ PTZ control and adjustable display mode
- Digital zoom for monitoring and playback
- The display order of the monitoring channels can be changed by drag and drop
- Event notification on monitoring screen
- Real-time SMS and email alert
- Detailed event and system logs (include users' networking services and recording data access record)
- Schedule remote replication to NAS (Network Attached Storage) for video backup
- Unique online user list function and access authority control
- Multi-channel playback at different speed
- Enhanced file security by digital watermarking
- Automatic system startup when the power resumes after power outage
- Redundant Power Supply
- Ultra-high-end RAID (RAID 0/ 1/ 5/ 5+ hot spare / 6/ 6+ hot spare / JBOD) to protect all the important recordings in the most secure way
- Online RAID capacity expansion and online RAID level migration
- Two Gigabit LAN ports for failover, load-balancing, or multi-IP setting
- Supports UPS (Uninterruptible Power Supply) for 24x7 service



14 Slot Media Converter Chassis

The perfect solution for various media converters



The DIGITUS® Media Converter Chassis let's you host up to 14 Media Converters in your Network or Server Cabinet. The great choice of Media Converters ensures highest flexibility. Every single module can be hot-swapped during the operation. The redundant Power Supply offers a smooth working and prevents any downtime of your network connection.

- Suitable for the Media Converter Series DN-82x1x, DN-82x2x and DN-82x3x
- Equipped with a second, redundant Power Supply for maximum stability and reliability
- Hot Swap Support for the Converters to ensure a flexible connection
- For up to 14 Media Converters
- Circuit Breaker for Overvoltage, Overflow and Short-Circuit
- 2 Height Units for 483mm (19") Rack Installation
- Dimensions (L x W x H): 231mm x 485mm x 90mm
- Operating Temperature: 0 to 50°C
- Storage temperature: -20°C ... +85°C



Back



Detail



Fast Ethernet Media Converter, RJ45 / ST

The perfect converter solution for various fiber media



The Media Converters from DIGITUS® are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure.

The huge variety of Products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The Link Fault Pass Through function offers a no-fear-networking. Your Network Administrator will be able to find and solve Network problems easily. Years of Experience and a wide range of products lets DIGITUS® become a reliable Partner for your Network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x ST Duplex
- Distance up to 2km
- Wavelength: 1310nm
- Multimode Dual Fiber
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) Function for easier Network Maintenance
- Suitable for 50/125µm and 62.5/125µm Fiber Cables
- Transmission Power: Minimum -22 dBm, Maximum -12 dBm
- Sensitivity Receiving Power: Minimum -30 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB Data Buffer
- Operating Temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W



Back



Fast Ethernet Media Converter, RJ45 / SC

The perfect converter solution for various fiber media



The Media Converters from DIGITUS® are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure.

The huge variety of Products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The Link Fault Pass Through function offers a no-fear-networking. Your Network Administrator will be able to find and solve Network problems easily. Years of Experience and a wide range of products lets DIGITUS® become a reliable Partner for your Network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC Duplex
- Distance up to 2km
- Wavelength: 1310nm
- Multimode Dual Fiber
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) Function for easier Network Maintenance
- Suitable for 50/125µm and 62.5/125µm Fiber Cables
- Transmission Power: Minimum -22 dBm, Maximum -12 dBm
- Sensitivity Receiving Power: Minimum -30 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB Data Buffer
- Operating Temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W



Back



Fast Ethernet Media Converter, RJ45 / SC

The perfect converter solution for various fiber media



The Media Converters from DIGITUS® are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure.

The huge variety of Products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The Link Fault Pass Through function offers a no-fear-networking. Your Network Administrator will be able to find and solve Network problems easily. Years of Experience and a wide range of products lets DIGITUS® become a reliable Partner for your Network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC Duplex
- Distance up to 20km
- Wavelength: 1310nm
- Singlemode Dual Fiber
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) Function for easier Network Maintenance
- Suitable for 9/125µm Fiber Cables
- Transmission Power: Minimum -15 dBm, Maximum -8 dBm
- Sensitivity Receiving Power: Minimum -38 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB Data Buffer
- Operating Temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W



Back



293101 / DN-82021-1
Fast Ethernet Media Converter, RJ45 / SC, Distance up to 20km

307884 / DN-82021-1_040
Fast Ethernet Media Converter, RJ45 / SC, Distance up to 40km

307891 / DN-82021-1_060
Fast Ethernet Media Converter, RJ45 / SC, Distance up to 60km

307907 / DN-82021-1_080
Fast Ethernet Media Converter, RJ45 / SC, Distance up to 80km

307914 / DN-82021-1_100
Fast Ethernet Media Converter, RJ45 / SC, Distance up to 100km

307921 / DN-82021-1_120
Fast Ethernet Media Converter, RJ45 / SC, Distance up to 120km

Bidirectional Fast Ethernet Media Converter, RJ45 / SC

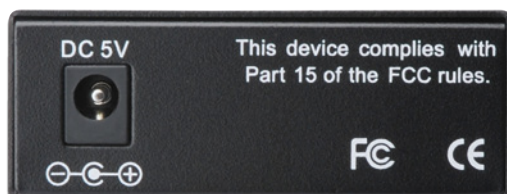
The perfect converter solution for various fiber media



The Media Converters from DIGITUS® are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure.

The huge variety of Products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The Link Fault Pass Through function offers a no-fear-networking. Your Network Administrator will be able to find and solve Network problems easily. Years of Experience and a wide range of products lets DIGITUS® become a reliable Partner for your Network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-TX to 100Base-FX
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 20km
- Wavelength: Tx 1310nm / Rx 1550nm
- Singlemode Single Fiber
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of Full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) Function for easier Network Maintenance
- Suitable for 9/125µm Fiber Cables
- Transmission Power: Minimum -15 dBm, Maximum -8 dBm
- Sensitivity Receiving Power: Minimum -36 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB Data Buffer
- Operating Temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W
- Suitable Converter for Opposite Side: DN-82023



Back



293149 / DN-82022
Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 20km

307686 / DN-82022_40
Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 40km

307693 / DN-82022_60
Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 60km

307709 / DN-82022_80
Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 80km

Bidirectional Fast Ethernet Media Converter, RJ45 / SC

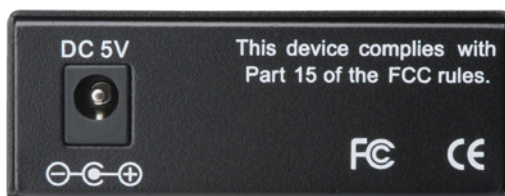
The perfect converter solution for various fiber media



The Media Converters from DIGITUS® are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure.

The huge variety of Products fulfil your individual needs. The intuitive operation guarantees a quick and easy Installation. The Link Fault Pass Through function offers a no-fear-networking. Your Network Administrator will be able to find and solve Network problems easily. Years of Experience and a wide range of products lets DIGITUS® become a reliable Partner for your Network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100Base-T and IEEE 802.3u compatible
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 20km
- Wavelength: Tx 1550nm / Rx 1310nm
- Singlemode Single Fiber
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) Function for easier Network Maintenance
- Suitable for 9/125µm Fiber Cables
- Transmission Power: Minimum -8 dBm, Maximum -3 dBm
- Sensitivity Receiving Power: Minimum -36 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB Data Buffer
- Operating Temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W
- Suitable Converter for Opposite Side: DN-82022



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293156 / DN-82023
Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 20km

307716 / DN-82023_40
Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 40km

307723 / DN-82023_60
Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 60km

307730 / DN-82023_80
Bidirectional Fast Ethernet Media Converter, RJ45 / SC, Distance up to 80km

Fast Ethernet Media Converter, RJ45 / SFP

The perfect converter solution for various fiber media



The Media Converters from DIGITUS® are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure.

The huge variety of Products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. The Link Fault Pass Through function offers a no-fear-networking. Your Network Administrator will be able to find and solve Network problems easily. Years of Experience and a wide range of products lets DIGITUS® become a reliable Partner for your Network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- Connectors: 1x RJ45, 1x SFP
- Distance up to 80km
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet
- 128kB Data Buffer
- Operating Temperature: 0 to 55°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Exclusive SFP Module



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Gigabit Media Converter, RJ45 / ST

The perfect converter solution for various fiber media



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- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-SX
- Connectors: 1x RJ45, 1x ST Duplex
- Distance up to 0.5km
- Wavelength: 850nm
- Multimode Dual Fiber
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Suitable for 8.3/125µm, 8.7/125µm, 9/125µm or 10/125µm Fiber Cables
- Transmission Power: Minimum -17 dBm, Maximum -12 dBm
- Sensitivity Receiving Power: Minimum -20 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC



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Gigabit Media Converter, RJ45 / SC

The perfect converter solution for various fiber media



The Media Converters from DIGITUS® are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure.

The huge variety of Products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. Years of Experience and a wide range of products lets DIGITUS® become a reliable Partner for your Network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-SX
- Connectors: 1x RJ45, 1x SC Duplex
- Distance up to 0.5km
- Wavelength: 850nm
- Multimode Dual Fiber
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Suitable for 50/125µm and 62.5/125µm Fiber Cables
- Transmission Power: Minimum -17 dBm, Maximum -12 dBm
- Sensitivity Receiving Power: Minimum -20 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC



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Gigabit Media Converter, RJ45 / SC

The perfect converter solution for various fiber media

The Media Converters from DIGITUS® are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure.

The huge variety of Products fulfil your individual needs. The intuitive operation guarantees a quick and easy Installation. Years of Experience and a wide range of products lets DIGITUS® become a reliable Partner for your Network.



- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-LX
- Connectors: 1x RJ45, 1x SC Duplex
- Distance up to 10km
- Wavelength: 1310nm
- Singlemode Dual Fiber
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Suitable for 9/125µm Fiber Cables
- Transmission Power: Minimum -12 dBm, Maximum -6 dBm
- Sensitivity Receiving Power: Minimum -21 dBm
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC



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293132 / DN-82121-1
Gigabit Media Converter, RJ45 / SC, Distance up to 10km

307792 / DN-82121-1_040
Gigabit Media Converter, RJ45 / SC, Distance up to 40km

307808 / DN-82121-1_060
Gigabit Media Converter, RJ45 / SC, Distance up to 60km

307815 / DN-82121-1_080
Gigabit Media Converter, RJ45 / SC, Distance up to 80km

Bidirectional Gigabit Media Converter, RJ45 / SC

The perfect converter solution for various fiber media

The Media Converters from DIGITUS® are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure.

The huge variety of Products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. Years of Experience and a wide range of products lets DIGITUS® become a reliable Partner for your Network.



- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-LX
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 20km
- Wavelength: Tx 1310nm / Rx 1550nm
- Singlemode Single Fiber
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) Function for easier Network Maintenance
- Suitable for 9/125µm Fiber Cables
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W
- Suitable Converter for Opposite Side: DN-82123



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307938 / DN-82122

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 20km

307945 / DN-82122_040

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 40km

307952 / DN-82122_060

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 60km

307969 / DN-82122_080

Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 80km

Bidirectional Gigabit Media Converter, RJ45 / SC



The perfect converter solution for various fiber media

The Media Converters from DIGITUS® are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure.

The huge variety of Products fulfil your individual needs. The intuitive operation guarantees a quick and easy Installation. Years of Experience and a wide range of products lets DIGITUS® become a reliable Partner for your Network.

- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- 10/100/1000Base-TX to 1000Base-LX
- Connectors: 1x RJ45, 1x SC Simplex
- Distance up to 20km
- Wavelength: Tx 1550nm / Rx 1310nm
- Singlemode Single Fiber
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Link Fault Pass Through (LFP) Function for easier Network Maintenance
- Suitable for 9/125µm Fiber Cables
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Max. Current: 800mA
- Power Consumption: 2.5W
- Suitable Converter for Opposite Side: DN-82122



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307976 / DN-82123
Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 20km

307983 / DN-82123_040
Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 40km

307990 / DN-82123_060
Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 60km

308003 / DN-82123_080
Bidirectional Gigabit Media Converter, RJ45 / SC, Distance up to 80km

Gigabit Media Converter, RJ45 / SFP

The perfect converter solution for various fiber media

The Media Converters from DIGITUS® are the ideal solution for the migration of Copper and Fiber Network Signals. From now on, you are able to access the Fiber Technology and transfer network signals over several kilometers without renewing your whole Network Infrastructure.

The huge variety of Products fulfil your individual needs. The intuitive operation guarantees a quick and easy installation. Years of Experience and a wide range of products lets DIGITUS® become a reliable Partner for your Network.



- Transforms wire based network media to fiber optic
- High quality and excellent reliability
- Connectors: 1x RJ45, 1x SFP
- Distance up to 80km
- Automatic Cable detection - Auto MDI / MDI-X function
- Auto-Negotiation of full- and half-duplex
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Supported Standards: IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3z Gigabit Ethernet
- 2MB Data Buffer
- Operating Temperature: 0 to 60°C
- Dimensions (L x W x H): 95mm x 70mm x 26mm
- Weight: 200g
- Standalone Converter with external power supply
- Input Supply Voltage: 5V DC
- Exclusive SFP Module



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293163 / DN-82130
Gigabit Media Converter, RJ45 / SFP, 10/100/1000Base-T to SFP Module

307334 / DN-82131
Gigabit Media Converter, RJ45 / SFP, 1000Base-T to SFP Module

Fast Ethernet Media Converter, RJ45 / RJ11

The perfect converter solution for telephone lines



- Data transmission over telephone lines
- Connections: 1x RJ45, 1x RJ11
- DIP-Switch for CO/CPE, Fast/Interleaved Modi and Signal/Noise Ratio
- Compatible to the following Standards: 802.3 10Base-T, 802.3u 100Base-TX, 802.3x Full Duplex, ETSI, ANSI, ITU-T G.993.1 (VDSL)
- Up to 100/60 Mbps (90/90 Mbps with synchronous data rate) within a distance of 300 meters and 40/10 Mbps for up to 1km
- Distance up to 3km
- High quality and excellent reliability
- Diagnostic and monitoring LEDs for the status of power, link and act of the ports
- Standalone Converter with external power supply



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294122 / DN-82040
Fast Ethernet Media Converter, RJ45 / RJ11

294139 / DN-82050
Fast Ethernet Media Converter, RJ45 / BNC

Serial Media Converter

Converter for RS232 (male) to RS422/485

This converter can be switched from DCE to DTE in both directions and allows conversion from RS232 to RS422/485 interfaces.

- DTE / DCE selector switch, bidirectional conversion
- Monitor for TXD / RXD diagnosis, asynchronous transmission, full / half duplex
- Transmission speed 128kbps / range 4,000ft. (approx. 1.3 km)
- Configurable via three switches, plastic housing
- External power supply included
- Connectors: 1 x DSUB 25 / RS-232, male; 1 x RS485 screwed terminal strip, 4-pin
- DSUB 25-pin female to terminal strip



060154 / AB 629/NEW

DSUB 25-pin female to terminal strip

Converter for RS232 (male) to RS422/485

This converter can be switched from DCE to DTE in both directions and allows conversion from RS232 to RS422/485 interfaces.

- DTE / DCE selector switch, bidirectional conversion
- Monitor for TXD / RXD diagnosis, asynchronous transmission, full / half duplex
- Transmission speed 128kbps / range 4,000ft. (approx. 1.3 km)
- Configurable via three switches, plastic housing
- External power supply included
- Connectors: 1 x DSUB 25 / RS-232, male; 1 x RS485 screwed terminal strip, 4-pin
- DSUB 25-pin male to terminal strip



049203 / AB 629/NEW/MALE

DSUB 25-pin male to terminal strip

