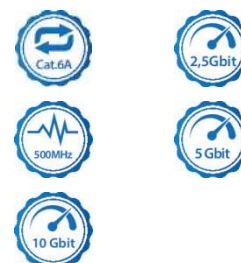
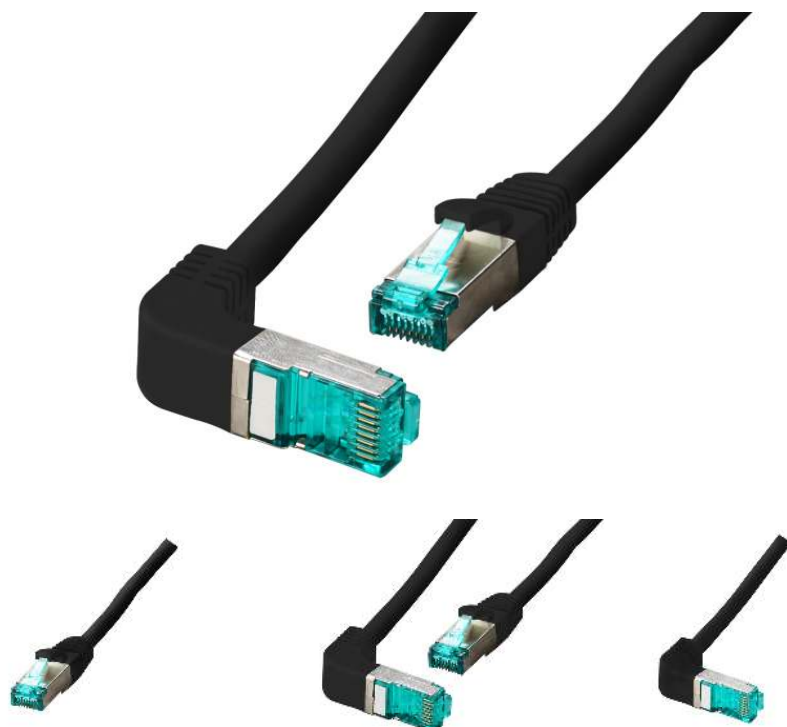


DATASHEET

RJ45 Patch cable S/FTP, Cat.6A, LSZH, one side 90° angled, 0,5m, black



General data

The shielded Cat.6A RJ45 patch cable ensures excellent performance for **10 Gigabit** Ethernet applications. The moulded grommet captivates with its **slim design** and thus simplifies the insertion process in cramped conditions. In addition, one side of the patch cord has a 90° angle, which makes patching even easier.

Cross section 4 x 2 x AWG27/7

Length imprint on boot

Allgemeine Daten

Colour outer sheath	black
Connector type	RJ45 Standard blue
Suitable for degree of protection (IP)	IP20
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Fire retardant version	True
Model	Shielded
Material outer sheath	LSZH

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DATASHEET

RJ45 Patch cable S/FTP, Cat.6A, LSZH, one side 90° angled, 0,5m, black

Contacts	Gold plated
Allocation	acc. TIA/EIA 568B
UV resistance	False
Area of Application	Structured cabling;Industrial Ethernet;Data center
Length imprint	True
Anti-kink sleeve	plugged in
Current Rating	max. 1 A
Halogen free	True
Category	6A (TIA)
Colour anti-kink sleeve	black

Mechanische Eigenschaften

Conductive shield	Selected shield contact
Mating cycles	2000
Bending radius	>30 mm

Kabelaufbau

Type of connector connection 2	RJ45 8(8)
AWG-size	27/7
Type of connector connection 1	RJ45 8(8)
Conductor Material	Copper
Raw cable	Cat.6A
Cable construction	4x2

Kabelmantel

Oil resistant	False
Low smoke	True
Oil resistant (according to EN 60811-404)	False
Flame retardant	True
Resistant to chemicals	False
Ozone resistance	False
Halogen-free	True
Outer diameter of the cable	6.0 mm

Umgebungsbedingungen

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DATASHEET

RJ45 Patch cable S/FTP, Cat.6A, LSZH, one side 90° angled, 0,5m, black

Temperature range	-20 – 60 °C
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Elektrische Eigenschaften

POE class	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt
Loop resistance	370 Ω/km
Impedance	100 ±15 Ω
Contact Resistance	30 mΩ
NVP value	74 %
Conductor resistance DC	185 Ω/km
Operating-/ tempering voltage	max. 50 V DC

Übertragungstechnische Eigenschaften

Bandwidth	500MHz
Transmission	10Gbit;2.5Gbit;5Gbit

Normen, Zulassungen, Zertifizierungen

Cabling standard	ISO/IEC 11801;ANSI/TIA-568-C.2;EN50173
Oil resistant (acc. EN 60811-2-1)	False
Connector	IEC 60603-7-51

Available variants

ArtNr.	Bezeichnung	Length Längentoleranz	
MK6001W.0,25B	RJ45 Patch cable S/FTP, Cat.6A, LSZH, one side 90° angled, 0,25m, black	0.25 m	±5 %
MK6001W.0,5B	RJ45 Patch cable S/FTP, Cat.6A, LSZH, one side 90° angled, 0,5m, black	0.5 m	±5 %
MK6001W.1B	RJ45 Patch cable S/FTP, Cat.6A, LSZH, one side 90° angled, 1m, black	1.0 m	±5 %
MK6001W.2B	RJ45 Patch cable S/FTP, Cat.6A, LSZH, one side 90° angled, 2m, black	2.0 m	±5 %
MK6001W.3B	RJ45 Patch cable S/FTP, Cat.6A, LSZH, one side 90° angled, 3m, black	3.0 m	±5 %
MK6001W.5B	RJ45 Patch cable S/FTP, Cat.6A, LSZH, one side 90° angled, 5m, black	5.0 m	±5 %

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