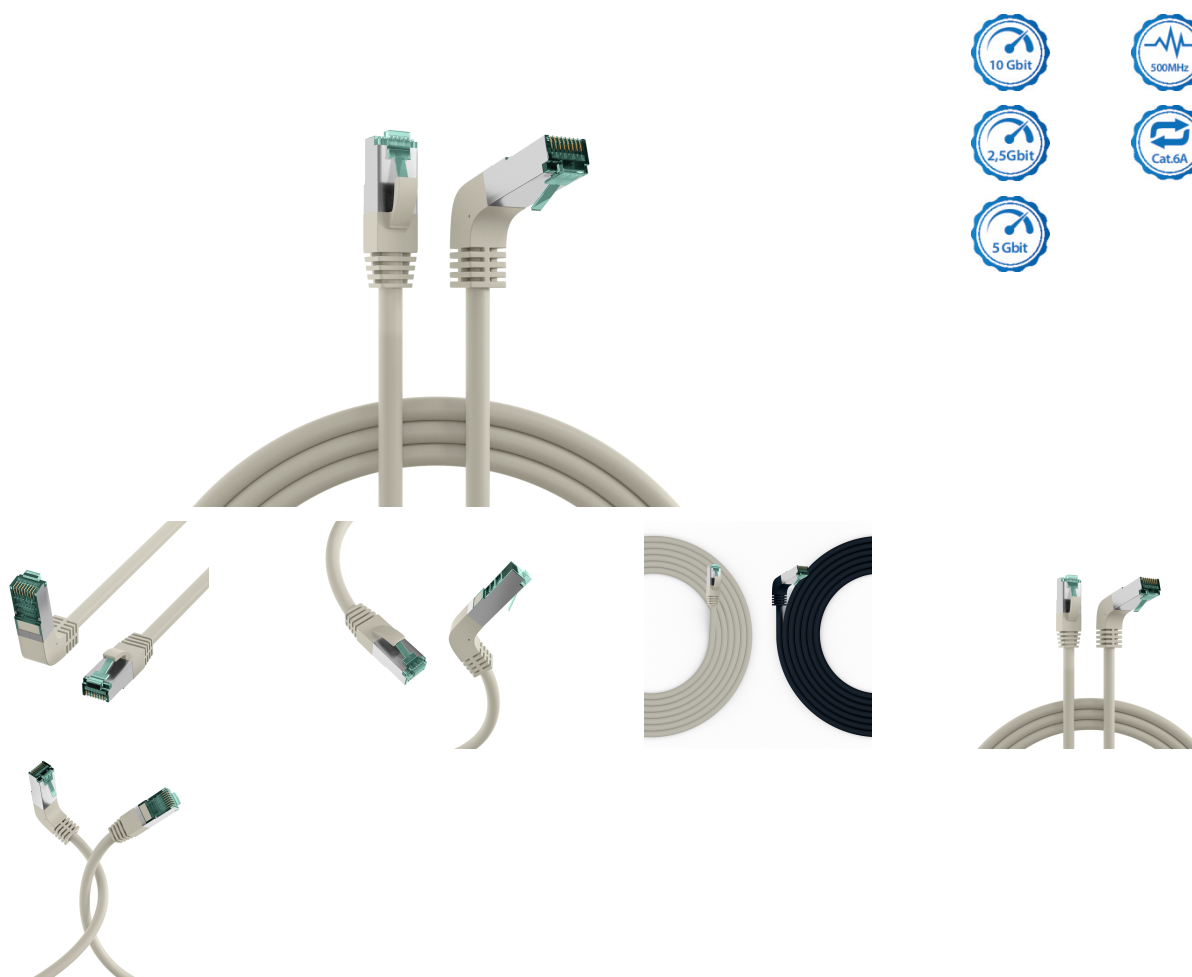


DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH 1x90° grey 0,5m



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

Suitable for degree of protection (IP)	IP20
AWG-size	27/7
Fire retardant version	True
Model	Shielded

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DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH 1x90° grey 0,5m

UV resistance	False
Length imprint	True

General data

Connector type	RJ45 Standard blue
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Colour anti-kink sleeve	grey
Contacts	Gold plated
Allocation	acc. TIA/EIA 568B
Area of Application	Industrial Ethernet
Colour outer sheath	grey
Anti-kink sleeve	plugged in
Halogen free	True
Category	6A (TIA)

Mechanical characteristics

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

Cable construction

Conductor Material	Copper
Raw cable	Cat.6A

Kabelaufbau

Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
Cable construction	4x2

Cable sheath

Oil resistant	False
Low smoke	True
Oil resistant (according to EN 60811-404)	False
Jacket Material	LSZH

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DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH 1x90° grey 0,5m

Flame retardant	True
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Kabelmantel

Resistant to chemicals	False
Ozone resistance	False
Halogen-free	True
Outer diameter of the cable	6.0 mm

Environmental conditions

Temperature range	-20 - 60 °C
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Electrical characteristics

Loop resistance	370 Ω/km
Impedance	100 ±15 Ω
Contact Resistance	30 mΩ
NVP value	74 %
Conductor resistance DC	185 Ω/km
POE class	PoE+ acc. to IEEE802.3at
Current Rating	max. 1 A

Elektrische Eigenschaften

Operating-/ tempering voltage	max. 50 V DC
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Transmission characteristics

Transmission	5Gbit
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Übertragungstechnische Eigenschaften

Bandwidth	500MHz
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Standards, approvals, certifications

Cabling standard	EN50173
Oil resistant (acc. EN 60811-2-1)	False
Connector	IEC 60603-7-51

Available variants

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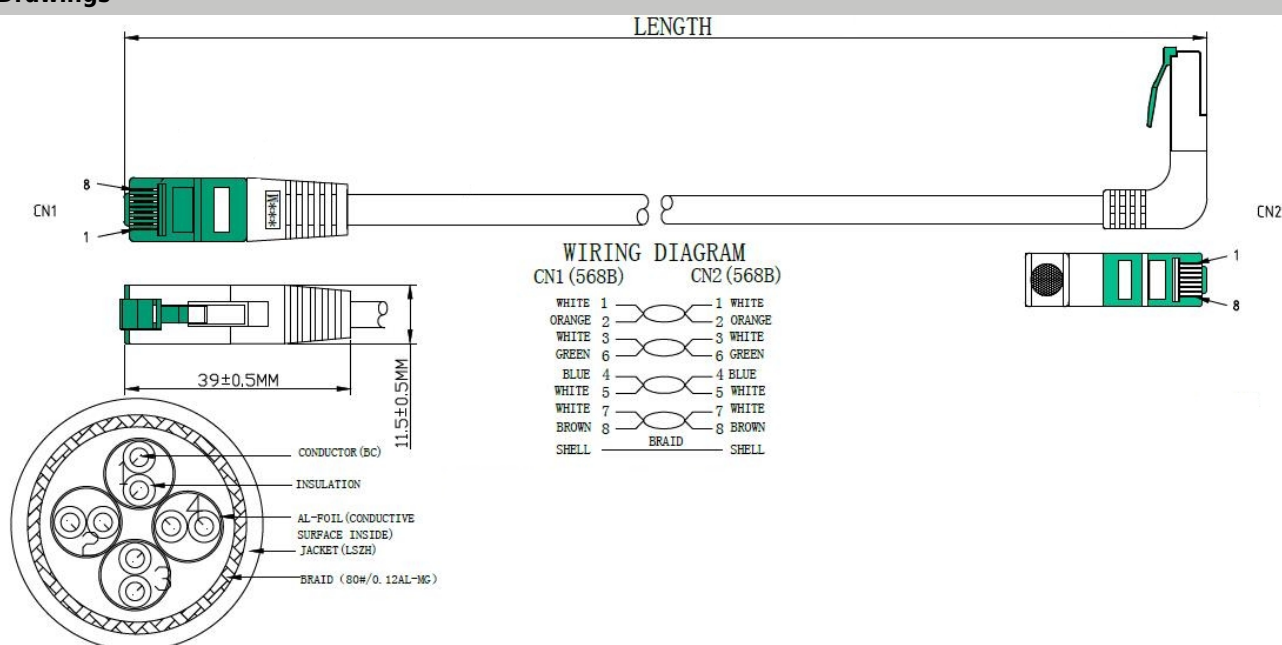


DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH 1x90° grey 0,5m

ArtNr.	Bezeichnung	Length	Längentoleranz
MK6001W.0,25G	RJ45 Patch Cord Cat.6A S/FTP LSZH 1x90° grey 0,25m	0.25 m	±5 %
MK6001W.0,5G	RJ45 Patch Cord Cat.6A S/FTP LSZH 1x90° grey 0,5m	0.5 m	±5 %
MK6001W.1G	RJ45 Patch Cord Cat.6A S/FTP LSZH 1x90° grey 1m	1.0 m	±5 %
MK6001W.2G	RJ45 Patch Cord Cat.6A S/FTP LSZH 1x90° grey 2m	2.0 m	±5 %
MK6001W.3G	RJ45 Patch Cord Cat.6A S/FTP LSZH 1x90° grey 3m	3.0 m	±5 %
MK6001W.5G	RJ45 Patch Cord Cat.6A S/FTP LSZH 1x90° grey 5m	5.0 m	±5 %

Drawings



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