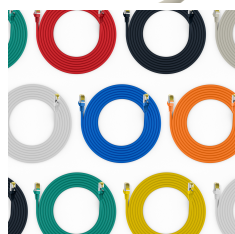
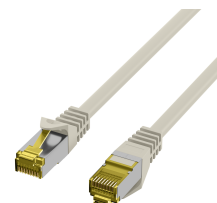
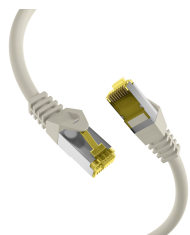
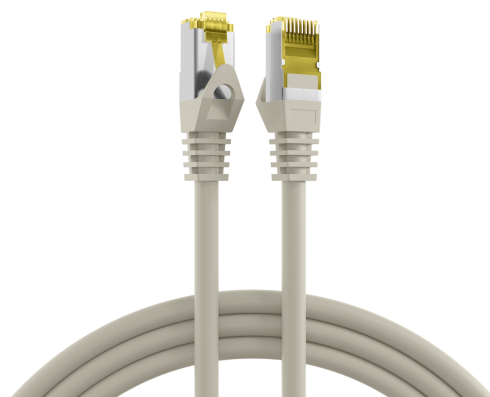


DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 15m



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.

Cross section 4 x 2 x AWG26 / 7

Moulded grommet, slim design

Length imprint on the boot

Allgemeine Daten

Suitable for degree of protection (IP)	IP20
Fire retardant version	True
Model	Shielded

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DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 15m

Jacket Material	LSZH
Length imprint	True
AWG-size	26/7

General data

Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Colour anti-kink sleeve	grey
Connector type	RJ45 Standard yellow
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
Bending radius	>32.5 mm
Mating cycles	2000

Cable construction

Raw cable	Cat.7
Conductor Material	Copper

Kabelaufbau

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

Cable sheath

Oil resistant (according to EN 60811-404)	False
Flame retardant	acc. IEC60332-1

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DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 15m

Silicone-free	True
Low smoke	acc. IEC61034

Kabelmantel

Outer diameter of the cable	6.5 mm
Printing	Cat.7 raw cable S/FTP 4x2xAWG26/7 PIMF 600MHz ISO/IEC 11801 & EN50173-1 TIA/EIA 568B-2.1 Halogen Free ***10GIGABIT*** www.efb-elektronik.de
Halogen-free	yes

Environmental conditions

Temperature range	-20 - 60 °C
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Electrical characteristics

Insulation Resistance	10 MΩ
Loop resistance	292 Ω/km
Contact Resistance	30 mΩ
POE class	PoE+ acc. to IEEE802.3at
Current Rating	max. 1 A
Impedance	100 ±5 Ω
Resistance unbalance	5 %
Conductor resistance DC	146 Ω/km

Elektrische Eigenschaften

Test voltage	1000 V DC, 1min
Operating-/ tempering voltage	max. 50 V DC

Übertragungstechnische Eigenschaften

Transmission	10Gbit
Bandwidth	500MHz

Standards, approvals, certifications

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

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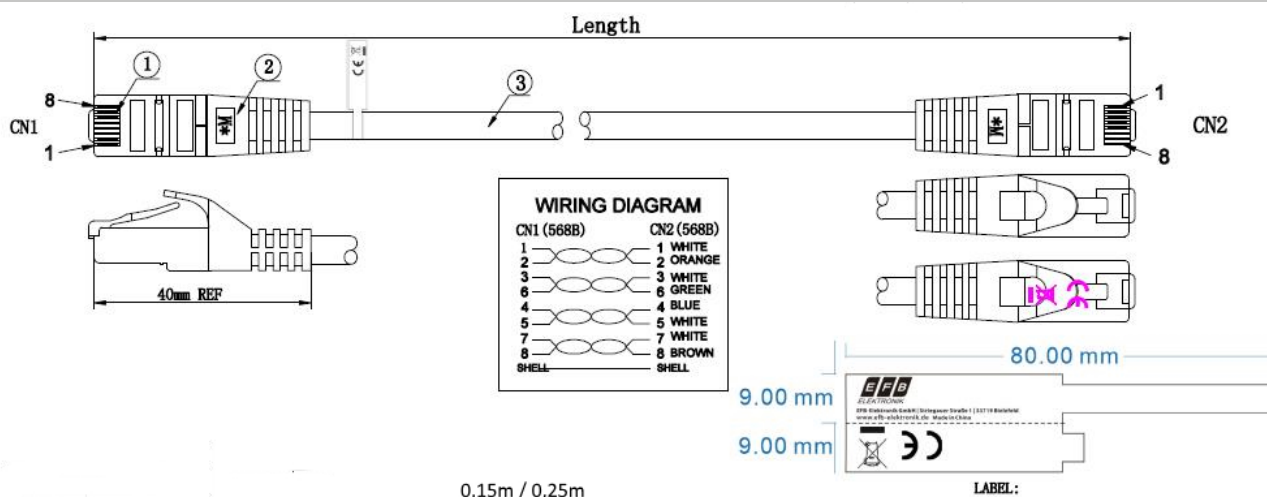
DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 15m

Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
MK7001.0,15G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 0,15m	0.15 m	±5 %
MK7001.0,25G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 0,25m	0.25 m	±5 %
MK7001.0,5G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 0,5m	0.5 m	±5 %
MK7001.1G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 1m	1.0 m	±5 %
MK7001.1,5G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 1,5m	1.5 m	±5 %
MK7001.2G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 2m	2.0 m	±5 %
MK7001.3G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 3m	3.0 m	±5 %
MK7001.5G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 5m	5.0 m	±5 %
MK7001.7,5G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 7,5m	7.5 m	±5 %
MK7001.10G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 10m	10.0 m	±5 %
MK7001.15G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 15m	15.0 m	±5 %
MK7001.20G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 20m	20.0 m	±5 %
MK7001.25G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 25m	25.0 m	±5 %
MK7001.30G	RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 30m	30.0 m	±5 %

Drawings

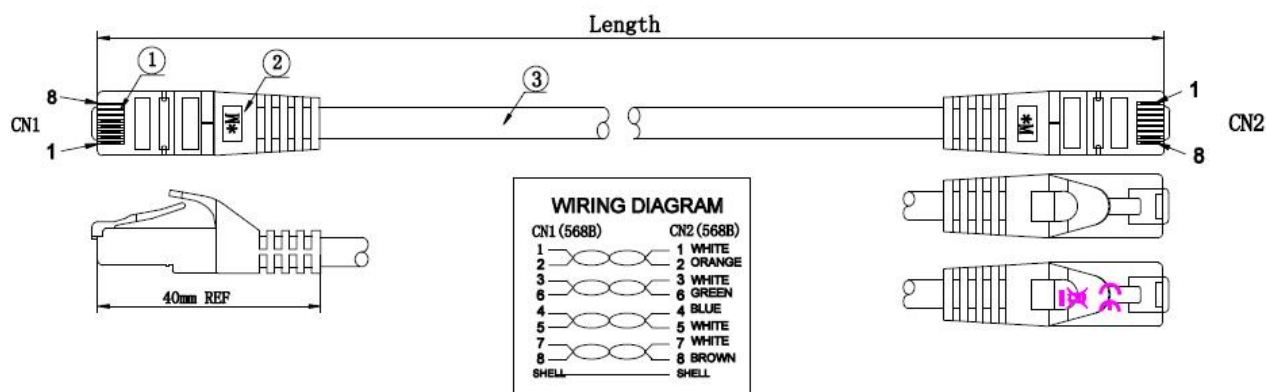


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DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey
15m



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