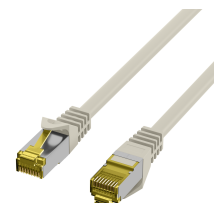
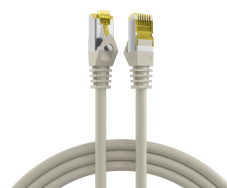
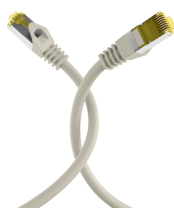
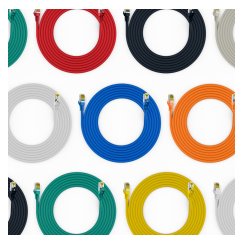
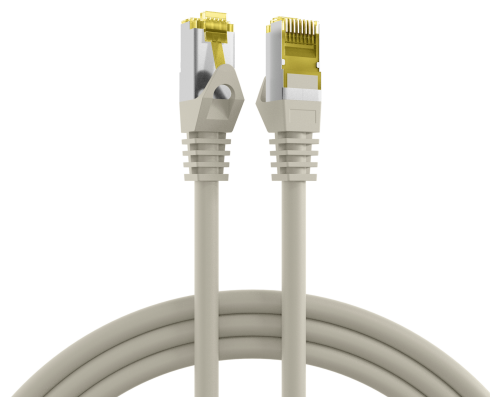


DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey
0,25m



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

This datasheet was created automatically on 11-05-2024 . Technical changes reserved.



DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 0,25m

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

This datasheet was created automatically on 11-05-2024 . Technical changes reserved.



DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 0,25m

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

Umgebungsbedingungen

Temperature range	-20 - 60 °C
-------------------	-------------

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

Transmission characteristics

Transmission	10Gbit
--------------	--------

Übertragungstechnische Eigenschaften

Bandwidth	500MHz
-----------	--------

Standards, approvals, certifications

Cabling standard	EN50173
------------------	---------

This datasheet was created automatically on 11-05-2024 . Technical changes reserved.



DATASHEET

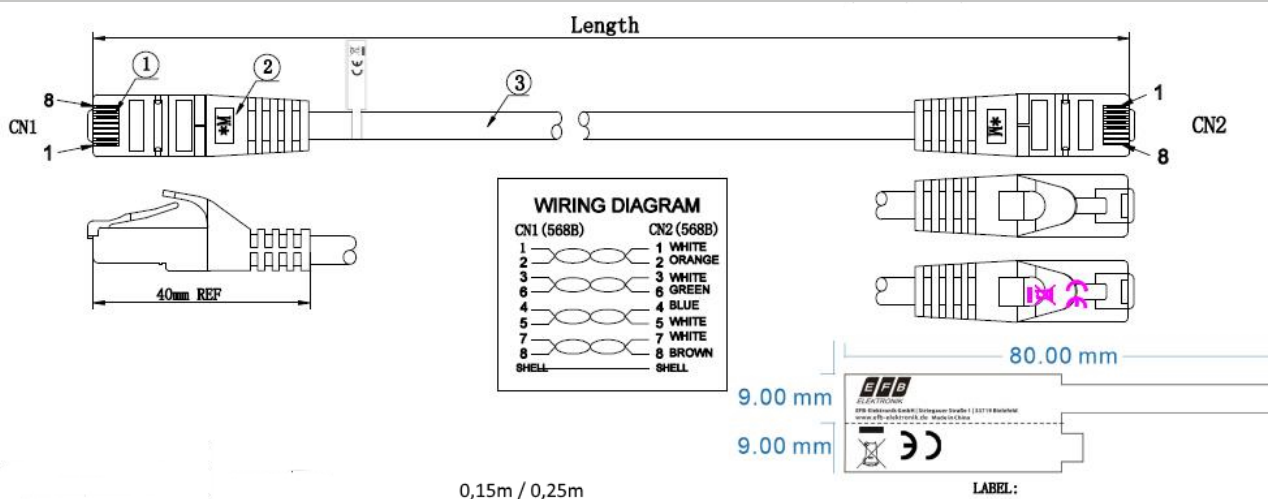
RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey 0,25m

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

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 %

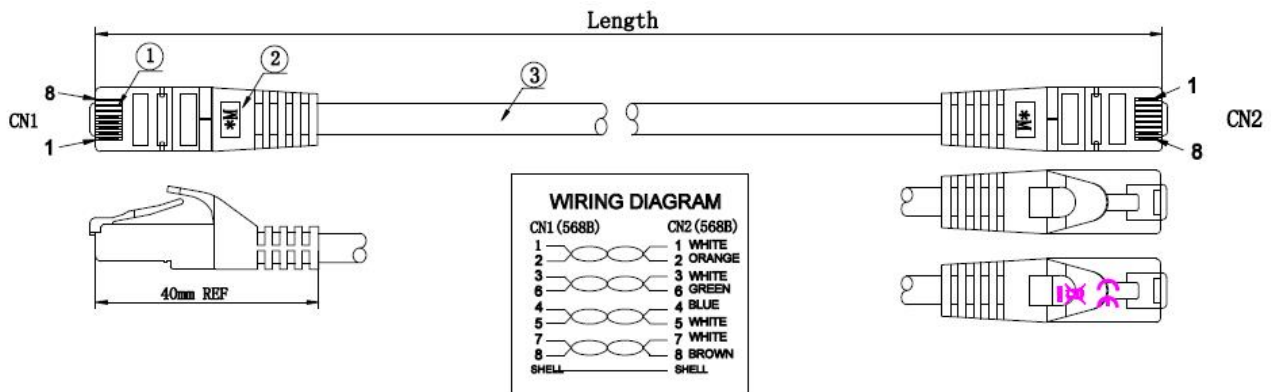
Drawings



This datasheet was created automatically on 11-05-2024 . Technical changes reserved.

DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable grey
0,25m



This datasheet was created automatically on 11-05-2024 . Technical changes reserved.

