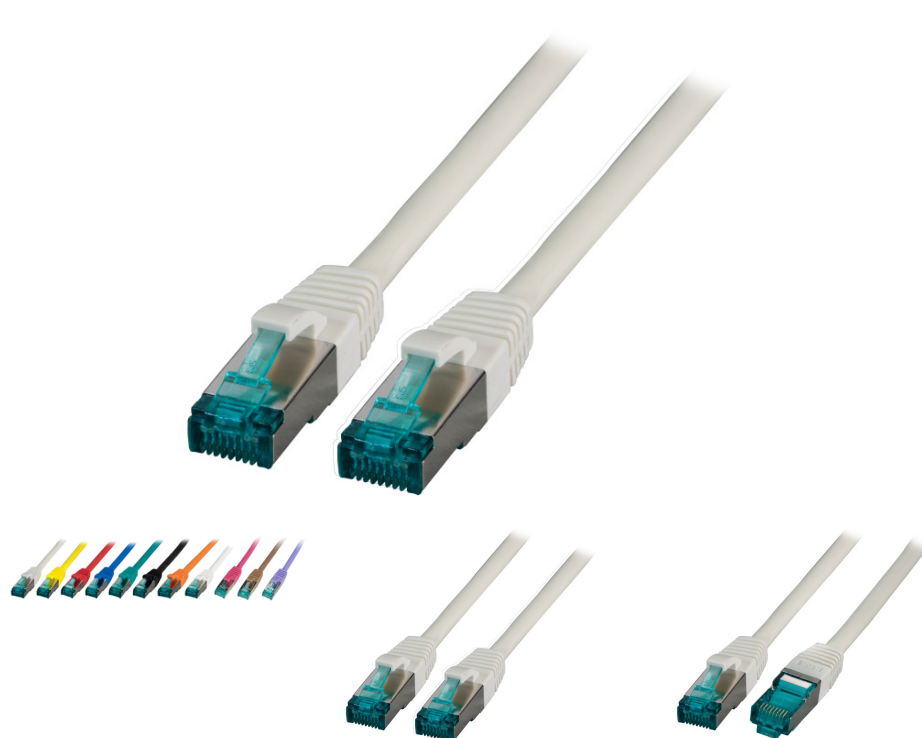


DATASHEET

RJ45 Patch cable S/FTP, Cat.6A, LSZH, 0.5m, grey



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 AWG27/7

Length imprint on boot

Available in **11 colours**

Allgemeine Daten

Connector type	RJ45 Standard green
Suitable for degree of protection (IP)	IP20
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Colour anti-kink sleeve	grey
Fire retardant version	True
Model	Shielded
Material outer sheath	LSZH
UL approbated	False

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DATASHEET

RJ45 Patch cable S/FTP, Cat.6A, LSZH, 0.5m, grey

Contacts	Gold plated
Allocation	acc. TIA/EIA 568B
Area of Application	Industrial Ethernet
Length imprint	True
Colour outer sheath	grey
Anti-kink sleeve	plugged in
Current Rating	max. 1 A
Halogen free	True
Category	6A (TIA)

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
Total screening	80 %
Cable construction	4x2

Kabelmantel

Low smoke	True
Printing	Cat.6A PATCH S/FTP 4x2xAWG27/7 LSZH ISO/IEC11801 ANSI/TIA-568-C.2 ***10Gigabit Ethernet***
Oil resistant (according to EN 60811-404)	False
Silicone-free	True
Flame retardant	True
Outer diameter of the cable	6.0 mm
Halogen-free	True

Umgebungsbedingungen

Temperature range	-20 - 60 °C
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DATASHEET

RJ45 Patch cable S/FTP, Cat.6A, LSZH, 0.5m, grey

Elektrische Eigenschaften	
Insulation Resistance	10 MΩ
Loop resistance	370 Ω/km
Test voltage	1000 V DC, 1min
Impedance	100 ±15 Ω
Contact Resistance	30 mΩ
NVP value	74 %
Conductor resistance DC	185 Ω/km
POE class	PoE+ acc. to IEEE802.3at
Resistance unbalance	3 %
Operating-/ tempering voltage	max. 50 V DC

Übertragungstechnische Eigenschaften	
Transmission	10Gbit
Bandwidth	500MHz

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

Available variants			
ArtNr.	Bezeichnung	Length	Längentoleranz
MK6001.0,15G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 0.15m, grey	0.15 m	±5 %
MK6001.0,25G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 0.25m, grey	0.25 m	±5 %
MK6001.0,5G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 0.5m, grey	0.5 m	±5 %
MK6001.1G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 1m, grey	1.0 m	±5 %
MK6001.1,5G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 1.5m, grey	1.5 m	±5 %
MK6001.2G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 2m, grey	2.0 m	±5 %
MK6001.3G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 3m, grey	3.0 m	±5 %
MK6001.5G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 5m, grey	5.0 m	±5 %
MK6001.7,5G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 7.5m, grey	7.5 m	±5 %
MK6001.10G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 10m, grey	10.0 m	±5 %
MK6001.15G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 15m, grey	15.0 m	±5 %
MK6001.20G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 20m, grey	20.0 m	±5 %
MK6001.25G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 25m, grey	25.0 m	±5 %
MK6001.30G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 30m, grey	30.0 m	±5 %
MK6001.40G	RJ45 Patch cable S/FTP, Cat.6A, LSZH, 40m, grey	40.0 m	±5 %

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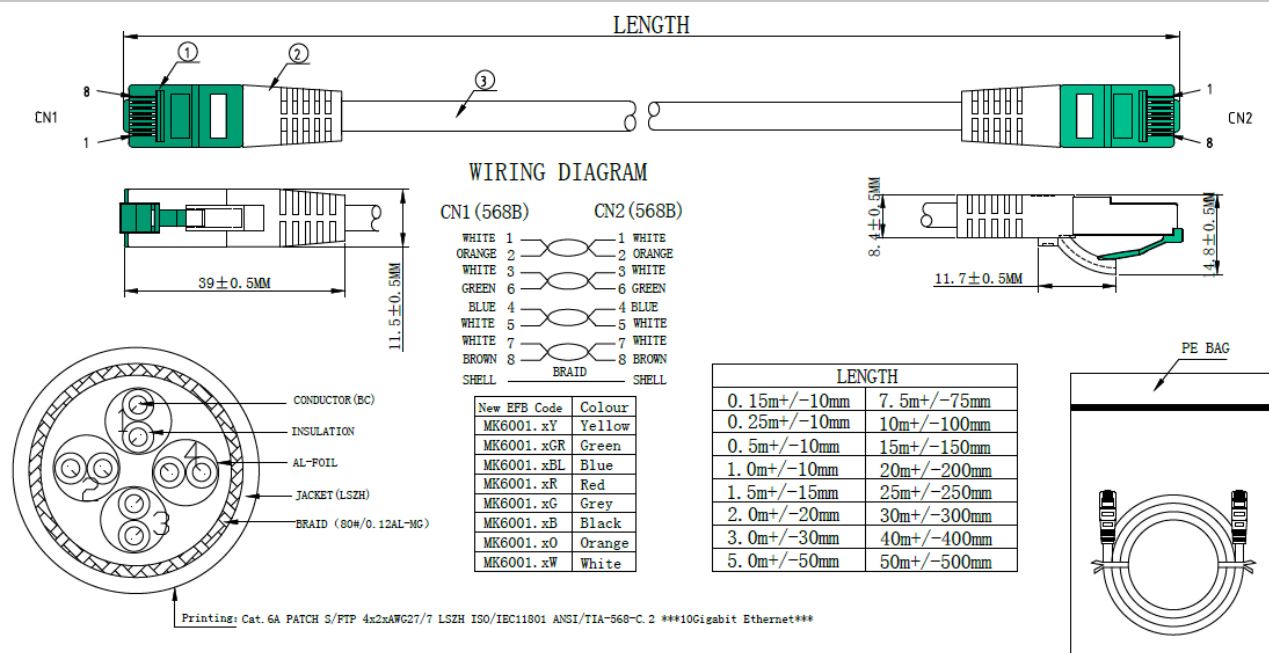


DATASHEET

RJ45 Patch cable S/FTP, Cat.6A, LSZH, 0.5m, grey

MK6001.50G | RJ45 Patch cable S/FTP, Cat.6A, LSZH, 50m, grey | 50.0 m | ±5 %

Drawings



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