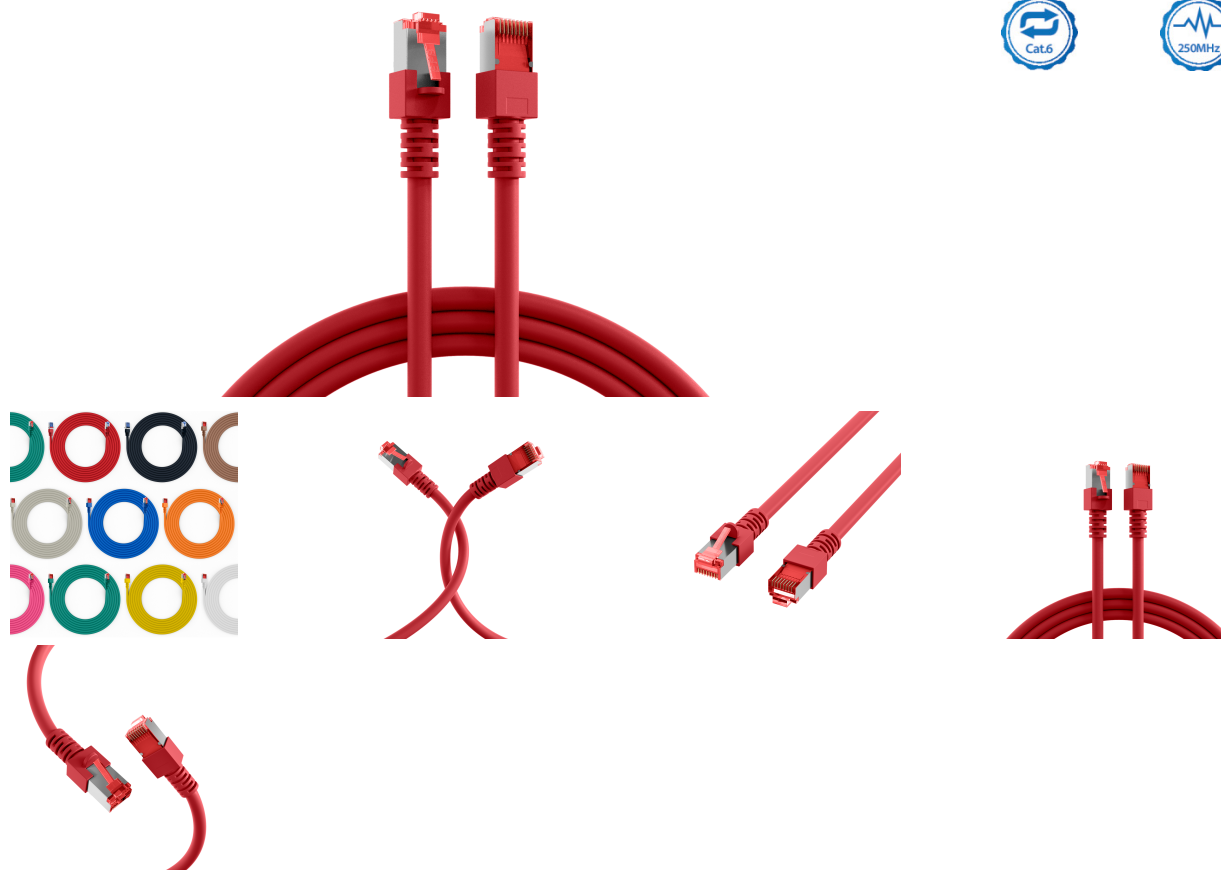


DATASHEET

RJ45 Patch Cord Cat.6 S/FTP LSZH red 1,5m



General data

RJ45 patch cable Cat.6 S/FTP LSZH

The Cat.6 patch cable meets the requirements for 5Gbit Ethernet and has gold-plated contacts.

Technical product features

- Cat.6
- S/FTP cable with AWG27/7
- Sheath material made of halogen-free LSZH
- Fire protection: flame-retardant, halogen-free, low smoke
- Plug connection: RJ45 to RJ45
- With locking lever protection
- Has gold-plated contacts

The jacket of the shielded patch cable is made of halogen-free LSZH material and has a length imprint on the

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grommet. In addition, the cable offers the option of power supply via PoE according to IEEE802.3af, PoE+ according to IEEE802.3at and 4PPoE according to IEEE802.3bt.

The assignment of the RJ45 plugs is according to TIA/EIA 568B and is 1:1 . Suitable for the temperature range 0 - 60 °C.

The LAN cable has a conductor material made of copper and is ideal for use in structured building cabling, industrial Ethernet and in data centers. This achieves a bandwidth of 250 MHz.

Technical properties	
(Halogenfree)	acc. IEC60754-2
AWG-size	27/7
Allocation	acc. TIA/EIA 568B
Anti-kink sleeve	
Area of application	Data center
Bending radius	
Cable construction	
Cable shape	rund
Cable type	
Cabling standard	ANSI/TIA-568
Category	6
Colour anti-kink sleeve	red
Colour outer sheath	
Conductive shield	Selected shield contact
Conductor Material	Copper
Conductor resistance DC	185 Ω/km
Connector	
Connector type	RJ45 standard
Contact Resistance	30 mΩ
Contacts	Gold plated
Current capacity	max. 1 A
Fire retardant version	acc. IEC60332-1
Harmonised Standard	
Impedance	100
Insulation Resistance	10 MΩ
Jacket material	LSZH
Length imprint	True
Locking lever	
Loop resistance	370 Ω/km

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Low smoke	
Mating cycles	
Model	shielded
Oil resistant	No
Operating Temperature	0 - 60 °C
Operating-/ tempering voltage	max. 50 V DC
Outer diameter of the cable	6.2 mm
Ozone resistance	No
Pin assignment	
Printing	
Resistance unbalance	5 %
Resistant to chemicals	False
Silicone-free	True
Suitable for degree of protection (IP)	IP20
Tape width	250MHz
Temperature Range (Installation)	-20 - 60
Temperature Range (Operation)	-20 - 75
Temperature Range (Storage)	-20 - 60
Test voltage	
Transmission	5Gbit
Type of connector connection 1	
Type of connector connection 2	
UL approbated	False
UV resistant	

Available variants

ArtNr.	Bezeichnung	Length POE class		Length tolerance
K5512.0,15	RJ45 Patch Cord Cat.6 S/FTP LSZH red 0,15m	0.15 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5512.0,25	RJ45 Patch Cord Cat.6 S/FTP LSZH red 0,25m	0.25 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5512.0,5	RJ45 Patch Cord Cat.6 S/FTP LSZH red 0,5m	0.5 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5512.1	RJ45 Patch Cord Cat.6 S/FTP LSZH red 1m	1,0 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5512.1,5	RJ45 Patch Cord Cat.6 S/FTP LSZH red 1,5m	1,5 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %

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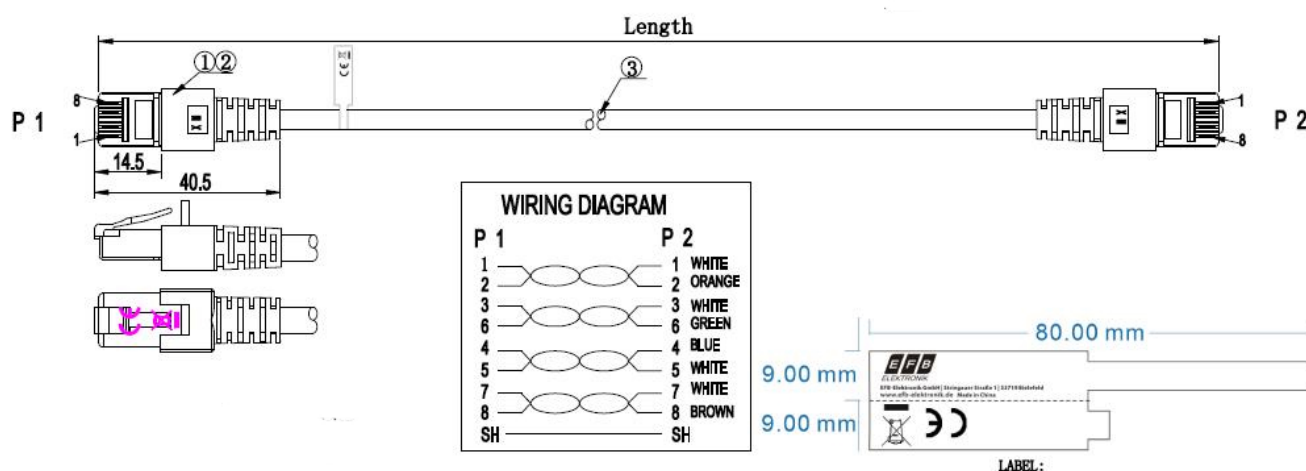


DATASHEET

RJ45 Patch Cord Cat.6 S/FTP LSZH red 1,5m

K5512.2	RJ45 Patch Cord Cat.6 S/FTP LSZH red 2m	2.0 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5512.3	RJ45 Patch Cord Cat.6 S/FTP LSZH red 3m	3.0 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5512.5	RJ45 Patch Cord Cat.6 S/FTP LSZH red 5m	5.0 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5512.7,5	RJ45 Patch Cord Cat.6 S/FTP LSZH red 7,5m	7.5 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5512.10	RJ45 Patch Cord Cat.6 S/FTP LSZH red 10m	10,0 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt	±5 %
K5512.15	RJ45 Patch Cord Cat.6 S/FTP LSZH red 15m	15,0 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at	±5 %
K5512.20	RJ45 Patch Cord Cat.6 S/FTP LSZH red 20m	20.0 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at	±5 %
K5512.25	RJ45 Patch Cord Cat.6 S/FTP LSZH red 25m	25.0 m	PoE acc. to IEEE802.3af	±5 %
K5512.30	RJ45 Patch Cord Cat.6 S/FTP LSZH red 30m	30,0 m	PoE acc. to IEEE802.3af	±5 %
K5512.40	RJ45 Patch Cord Cat.6 S/FTP LSZH red 40m	40.0 m	No	±5 %
K5512.50	RJ45 Patch Cord Cat.6 S/FTP LSZH red 50m	50.0 m	No	±5 %

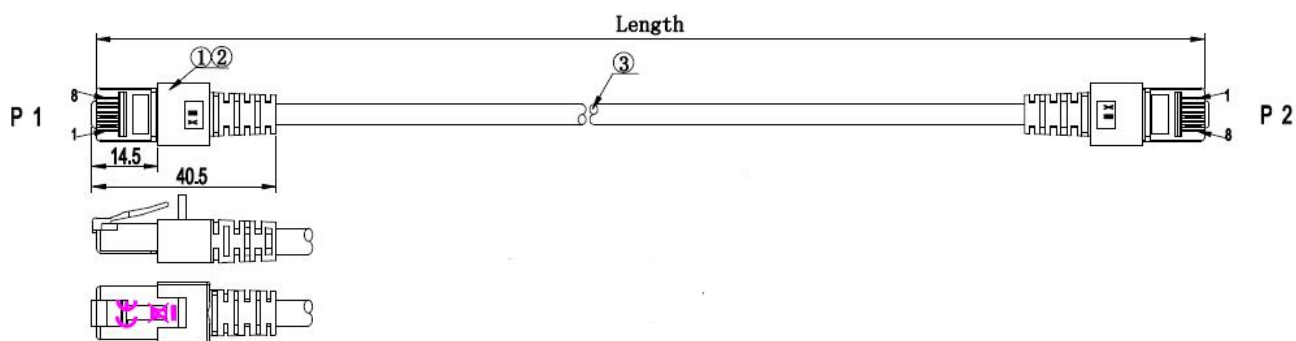
Drawings



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DATASHEET

RJ45 Patch Cord Cat.6 S/FTP LSZH red 1,5m



0,15m / 0,25m

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