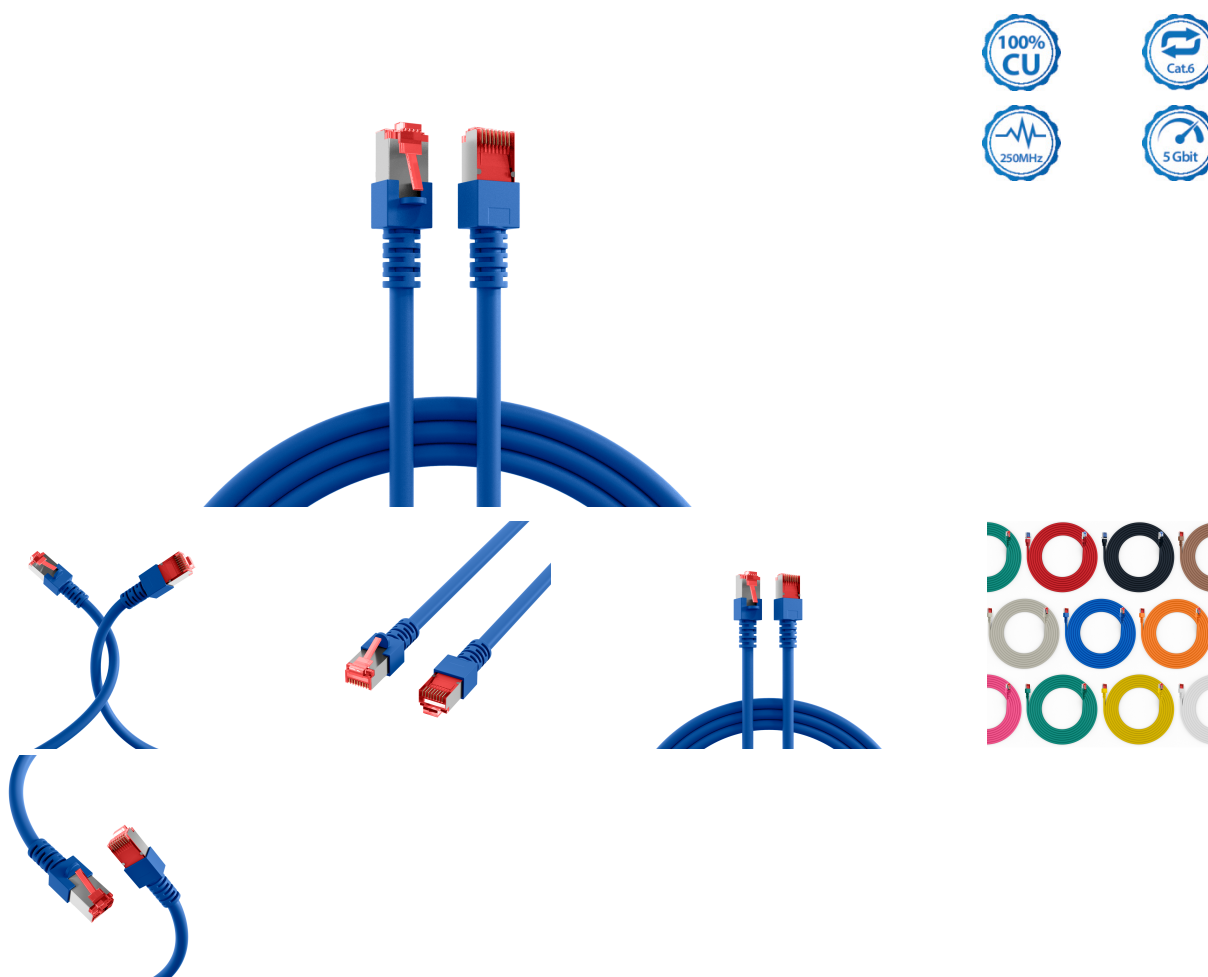


DATASHEET

RJ45 Patch Cord Cat.6 S/FTP LSZH blue 0,15m



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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DATASHEET

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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.

Allgemeine Daten	
Suitable for degree of protection (IP)	IP20
AWG-size	27/7
Fire retardant version	True
Model	Shielded
Jacket Material	LSZH
Area of Application	Industrial Ethernet
Length imprint	True

General data	
Colour anti-kink sleeve	blue
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Contacts	Gold plated
Allocation	acc. TIA/EIA 568B
Connector type	RJ45 Standard
Anti-kink sleeve	plugged in
Colour outer sheath	blue
Halogen free	True
Category	6

Mechanical characteristics	
Conductive shield	Selected shield contact
Mating cycles	2000
Bending radius	>31 mm

Cable construction

Conductor Material	Copper
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DATASHEET

RJ45 Patch Cord Cat.6 S/FTP LSZH blue 0,15m

Kabelaufbau

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

Cable sheath

Low smoke	True
Oil resistant (according to EN 60811-404)	False
Flame retardant	acc. IEC60332-1
Silicone-free	True

Kabelmantel

Outer diameter of the cable	6.2 mm
Halogen-free	True
Printing	Cat.6 S/FTP 4x2xAWG27/7 PIMF ISO/IEC 11801 & EN50173-1 TIA/EIA 568B.2-1 Halogen Free ***Gigabit*** www.efb-elektronik.de

Environmental conditions

Temperature range	0 – 60 °C
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Electrical characteristics

Insulation Resistance	10 MΩ
NVP value	- %
Loop resistance	370 Ω/km
Contact Resistance	30 mΩ
Conductor resistance DC	185 Ω/km
POE class	PoE+ acc. to IEEE802.3at
Current Rating	max. 1 A
Resistance unbalance	5 %

Elektrische Eigenschaften

Operating-/ tempering voltage	max. 50 V DC
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Übertragungstechnische Eigenschaften

Bandwidth	250MHz
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DATASHEET

RJ45 Patch Cord Cat.6 S/FTP LSZH blue 0,15m

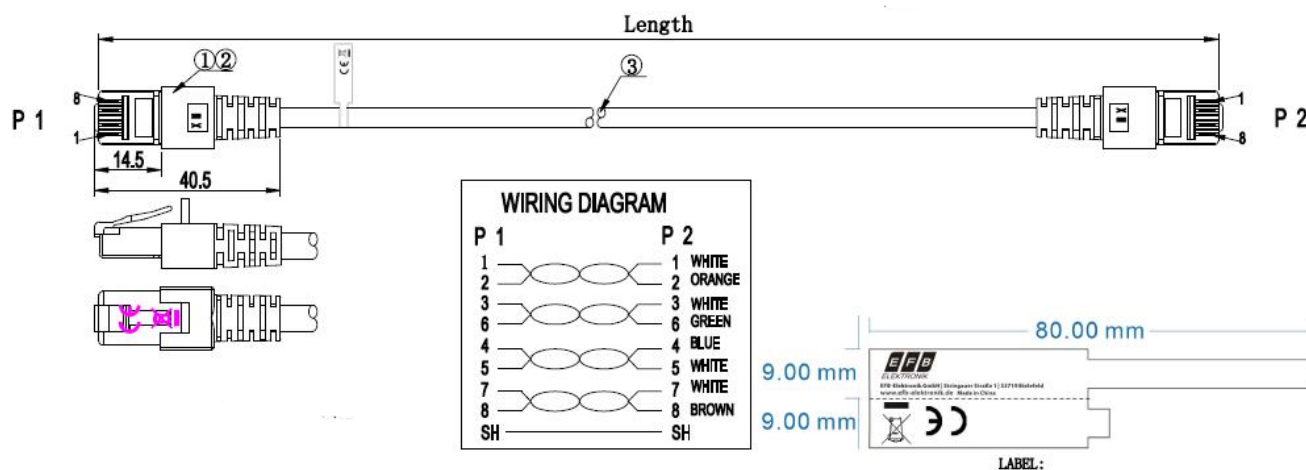
Standards, approvals, certifications

Cabling standard	EN50173
Oil resistant (acc. EN 60811-2-1)	False
Connector	IEC 60603-7-5

Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
K5513.0,15	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 0,15m	0.15 m	±5 %
K5513.0,25	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 0,25m	0.25 m	±5 %
K5513.0,5	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 0,5m	0.5 m	±5 %
K5513.1	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 1m	1.0 m	±5 %
K5513.1,5	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 1,5m	1.5 m	±5 %
K5513.2	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 2m	2.0 m	±5 %
K5513.3	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 3m	3.0 m	±5 %
K5513.5	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 5m	5.0 m	±5 %
K5513.7,5	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 7,5m	7.5 m	±5 %
K5513.10	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 10m	10.0 m	±5 %
K5513.15	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 15m	15.0 m	±5 %
K5513.20	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 20m	20.0 m	±5 %
K5513.25	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 25m	25.0 m	±5 %
K5513.30	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 30m	30.0 m	±5 %
K5513.40	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 40m	40.0 m	±5 %
K5513.50	RJ45 Patch Cord Cat.6 S/FTP LSZH blue 50m	50.0 m	±5 %

Drawings

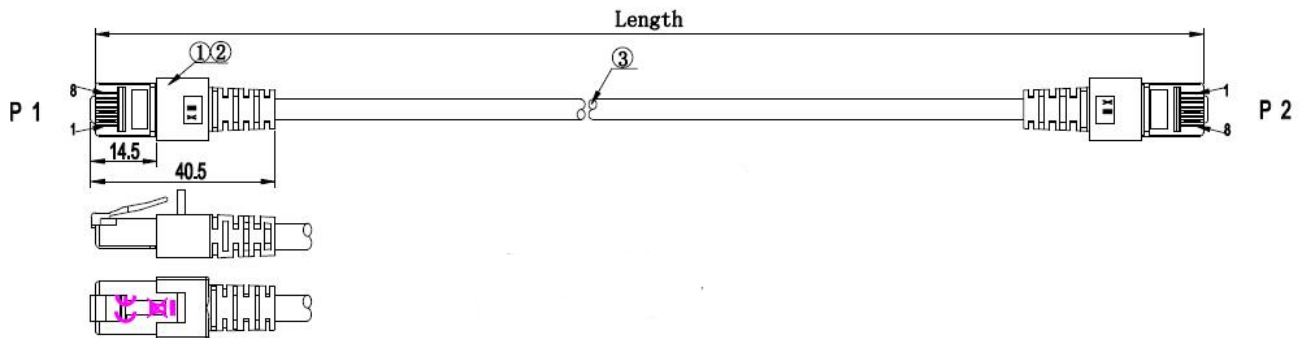


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RJ45 Patch Cord Cat.6 S/FTP LSZH blue 0,15m



0,15m / 0,25m

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