

DATASHEET

RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 2m



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Length imprint	True
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General data

Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Colour outer sheath	yellow
Contacts	Gold plated
Allocation	acc. TIA/EIA 568B
Colour anti-kink sleeve	yellow
Connector type	RJ45 Standard
Area of Application	Industrial Ethernet
Anti-kink sleeve	plugged in
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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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

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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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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
K5511.0,15	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 0,15m	0.15 m	±5 %
K5511.0,25	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 0,25m	0.25 m	±5 %
K5511.0,5	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 0,5m	0.5 m	±5 %
K5511.1	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 1m	1.0 m	±5 %

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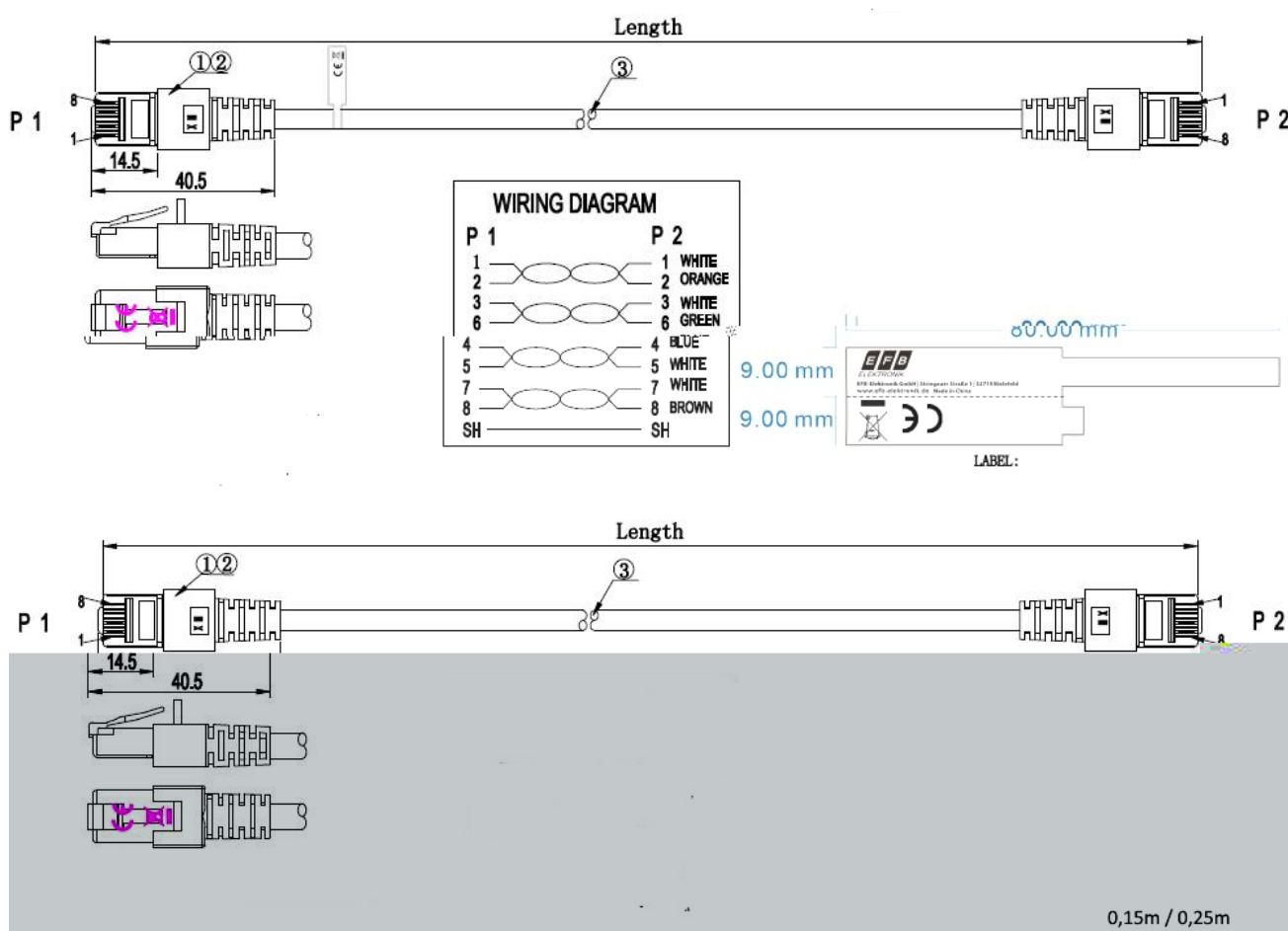


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K5511.1,5	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 1,5m	1.5 m	±5 %
K5511.2	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 2m	2.0 m	±5 %
K5511.3	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 3m	3.0 m	±5 %
K5511.5	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 5m	5.0 m	±5 %
K5511.7,5	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 7,5m	7.5 m	±5 %
K5511.10	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 10m	10.0 m	±5 %
K5511.15	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 15m	15.0 m	±5 %
K5511.20	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 20m	20.0 m	±5 %
K5511.25	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 25m	25.0 m	±5 %
K5511.30	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 30m	30.0 m	±5 %
K5511.40	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 40m	40.0 m	±5 %
K5511.50	RJ45 Patch Cord Cat.6 S/FTP LSZH yellow 50m	50.0 m	±5 %

Drawings



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