

RJ45 Patch cable S/FTP,Cat.6A, 26AWG BC,LSZH, lockable (blue)



Description

RJ45 patch cord S/FTP, Cat.6A, 26AWG BC, LSZH, white, lockable with two RJ45 plugs according to EN 60603-7-51, Cat.6A, with blue lock to prevent unauthorised or unintentional disconnection and lockable, sheath colour white, sheath material LSZH, Cat.7 raw cable with pure copper. The patch cables meet the valid channel requirements for 10GBase-T transmissions in a cabling link.

Delivery without keys

General data

Category	6A (TIA)
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
Connector type	RJ45 Standard
Contacts	50 µ" gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Type	Shielded
Length imprint	False
Anti-kink sleeve	plugged in
Colour anti-kink sleeve	White

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General data

Locking lever	False
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Mechanical characteristics

Mating cycles	2000
Bending radius	>32.5 mm
Conductive shield	Selected shield contact

Cable construction

Raw cable	Cat.7
Cable type	S/FTP
Cable construction	4x2
AWG-size	26/7
Conductor Material	Copper

Cable sheath

Jacket material	LSZH
Colour outer sheath	white
Outer diameter of the cable	6.2 mm
Flame-retardant	acc. IEC60332-1
Halogen-free	yes
Low smoke	acc. IEC61034
Oil resistant	NoNono
Resistant to chemicals	False
UV resistance	NoNono
Ozone resistance	NoNono

Environmental conditions

Temperature range	-20 – 60 °C
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Electrical characteristics

Impedance	100 ±15 Ω
Conductor resistance DC	142 Ω/km
Loop resistance	284 Ω/km
Insulation resistance	100 MΩ
Contact resistance	<20 mΩ
Test voltage	500 V DC, 1min
POE class	PoE acc. to IEEE802.3af;PoE+ acc. to IEEE802.3at;4PPoE acc. to IEEE802.3bt

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Transmission characteristics

Bandwidth	500MHz
Transmission	10Gbit;2.5Gbit;5Gbit

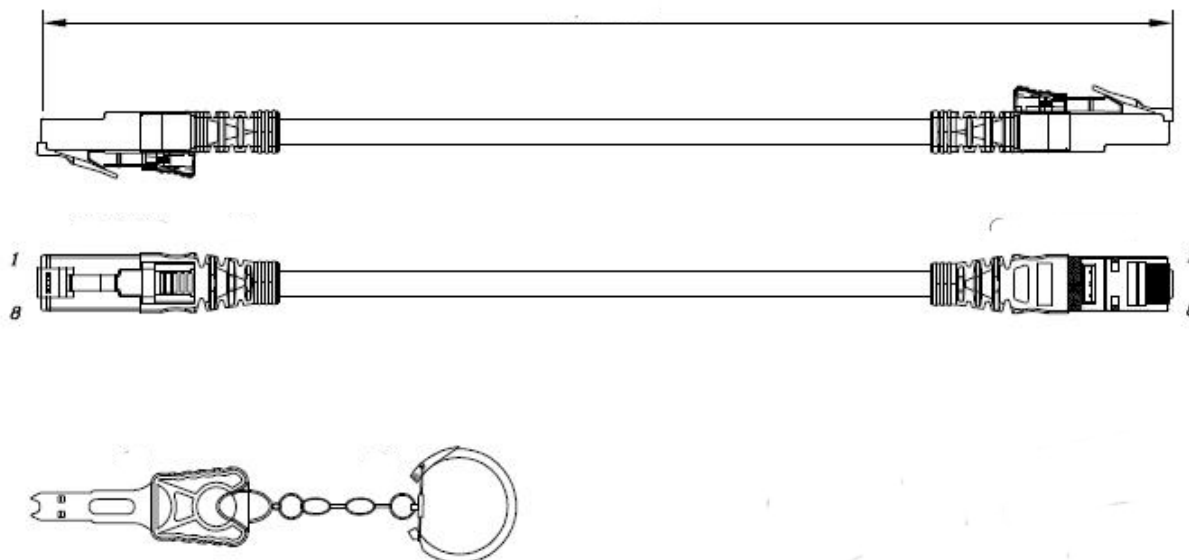
Standards, approvals, certifications

Cabling Standard	ISO/IEC 11801;ANSI/TIA-568-C.2;EN50173
Connector	IEC 60603-7-51

Available variants

Article no.	Title	Length	Length tolerance
K5539WS.0,5	RJ45 Patch cable S/FTP,Cat.6A, 26AWG BC, LSZH, 0,5m, white, lockable (blue)	0.5 m	±5 %
K5539WS.1	RJ45 Patch cable S/FTP,Cat.6A, 26AWG BC, LSZH, 1m, white, lockable (blue)	1.0 m	±5 %
K5539WS.2	RJ45 Patch cable S/FTP,Cat.6A, 26AWG BC, LSZH, 2m, white, lockable (blue)	2.0 m	±5 %
K5539WS.3	RJ45 Patch cable S/FTP,Cat.6A, 26AWG BC, LSZH, 3m, white, lockable (blue)	3.0 m	±5 %
K5539WS.5	RJ45 Patch cable S/FTP,Cat.6A, 26AWG BC, LSZH, 5m, white, lockable (blue)	5.0 m	±5 %

Technical drawings



accessory

K5539.S	Key for K5539.x
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DATASHEET

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accessory

E-20091	RJ45 Keystone STP, Cat.6A, 500MHz, components certified, earthing
E-20070	RJ45 Keystone STP, Cat.6A, 500MHz, components certified

