

RJ45 Patch cable S/FTP, Cat.6A, TPE, black



Description

The shielded Cat.6A RJ45 patch cable provides excellent performance for **10 Gigabit** Ethernet applications. The **TPE** outer sheath makes the cable **highly flexible** and therefore easier to handle. In addition, the patch cable is suitable for temperature ranges from **-40°C to +80°C**. The cast grommet captivates with its **slim design** and thus simplifies the plugging process in confined spaces.

Very flexible TPE/LSZH jacket superflex
Cross section 4 x 2 x AWG26/7

UV resistance

Cast anti-kink grommet, slim design
Temperature range **-40°C ~ +80°C**

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
Anti-kink sleeve	moulded
Colour anti-kink sleeve	black
Locking lever	yes

Mechanical characteristics

Mating cycles	≥ 1200
Bending radius	31 mm

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Mechanical characteristics

Conductive shield	360° shield contact
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Cable construction

Cable structure	S/FTP
Cable construction	4x2
AWG-size/strands per core	26/7
Conductor Material	Copper

Cable sheath

Jacket material	TPE/LSZH
Colour outer sheath	black
Printing	CLASS EA S/FTP TPE PRE;IUM INDUSTRIAL PATCH CORD -40°C - 80°C
Outer diameter of the cable	6.2 mm
Flame-retardant	yes
Halogen-free	yes
Low smoke	yes
UV resistance	yes

Environmental conditions

Temperature range	-40 – 80 °C
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Electrical characteristics

NVP value	- %
Conductor resistance DC	142 Ω/km
Insulation resistance	100 MΩ
Test voltage	1000 (V DC, 1min) core/core und core/screen

Transmission characteristics

Bandwidth	500MHz
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Standards, approvals, certifications

Connector	IEC 60603-7-51
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Available variants

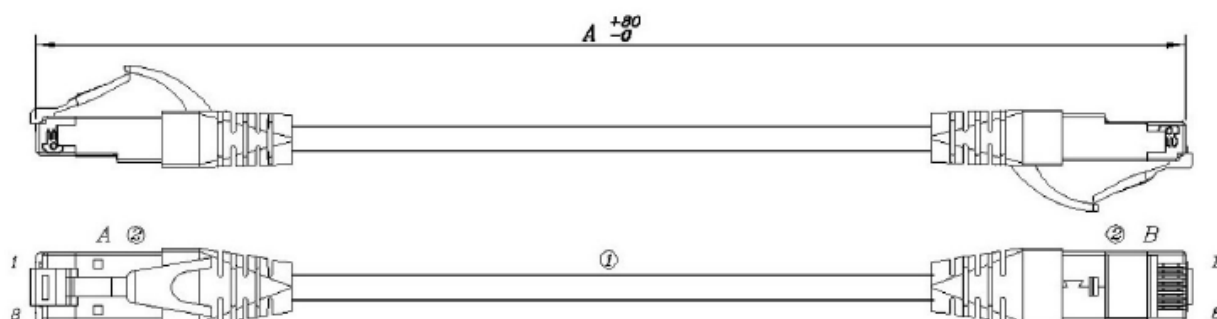
Article no.	Title	Length
K5538SW.1	RJ45 Patch cable S/FTP, Cat.6A, TPE, 1m, black	1.0 m

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K5538SW.2	RJ45 Patch cable S/FTP, Cat.6A, TPE, 2m, black	2.0 m
K5538SW.3	RJ45 Patch cable S/FTP, Cat.6A, TPE, 3m, black	3.0 m
K5538SW.5	RJ45 Patch cable S/FTP, Cat.6A, TPE, 5m, black	5.0 m
K5538SW.7,5	RJ45 Patch cable S/FTP, Cat.6A, TPE, 7,5m, black	7.5 m
K5538SW.10	RJ45 Patch cable S/FTP, Cat.6A, TPE, 10m, black	10.0 m
K5538SW.15	RJ45 Patch cable S/FTP, Cat.6A, TPE, 15m. black	15.0 m
K5538SW.20	RJ45 Patch cable S/FTP, Cat.6A, TPE, 20m, black	20.0 m

Technical drawings



Label printing:

CLASS E_A PIMF Patchkabel
 S/FTP AWG26/7, (length)
 CLASS E_A PIMF Patchcable
 S/FTP AWG26/7, (length)
 (PART NO)
 (ORDER NO)

