

DATASHEET

RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, Longlink, 50m, grey



General data

The **UL approved** and shielded Cat.6A RJ45 patch cable ensures very good characteristics for **10 Gigabit** Ethernet applications and is specially designed for **Longlink** applications up to **90m**. Due to the stranded construction, the cable offers several advantages compared to installation cables with field-attachable RJ45 connectors: The patch cable is **more flexible**, has a **smaller bending radius** and is already **pre-assembled**. The cast grommet impresses with its **slim design** and thus simplifies the plugging process in confined spaces.

Cat.6A (TIA) patch cable lengths: Up to 90 m
 Class EA (ISO) Patch cable lengths: Up to 80 m
 Cross section 4 x 2 x AWG24/7
 Jacket material PVC
 Cast anti-kink grommet, slim design

Allgemeine Daten

UL approbated	True
Suitable for degree of protection (IP)	IP20
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True

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Material outer sheath	Polyvinylchlorid (PVC)
Colour anti-kink sleeve	grey
Fire retardant version	True
Model	Shielded
Length imprint	False
Allocation	acc. TIA/EIA 568B
Connector type	RJ45 Standard
Area of Application	Industrial Ethernet
UV resistance	No
Colour outer sheath	grey
Anti-kink sleeve	plugged in
Current Rating	max. 1 A
Contacts	50 µ" gold plated
Category	6A (TIA)
Halogen free	False

Mechanische Eigenschaften

Conductive shield	360° shield contact
Mating cycles	2000
Bending radius	34 mm

Kabelaufbau

Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
AWG-size	24/7
Conductor Material	Copper
Cable construction	4x2

Kabelmantel

Oil resistant (according to EN 60811-404)	False
Oil resistant	no
Ozone resistance	No
Outer diameter of the cable	6.8 mm
Printing	E132276-C(UL) CM 75°C 4PR AWG24/7 CSA LL64151-C CMG 75°C FT4 Cat.6(A) S/FTP PATCH CORD
Resistant to chemicals	False

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Umgebungsbedingungen

Temperature range	-10 - 75 °C
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Elektrische Eigenschaften

NVP value	- %
Test voltage	1000 V DC, 1min
Impedance	100 ±15 Ω
Insulation Resistance	500 MΩ
Contact Resistance	< 20 mΩ
POE class	PoE+ acc. to IEEE802.3at
Operating-/ tempering voltage	max. 50 V DC

Übertragungstechnische Eigenschaften

Transmission	10Gbit
Bandwidth	500MHz

Normen, Zulassungen, Zertifizierungen

Cabling standard	EN50173
Oil resistant (acc. EN 60811-2-1)	False
Connector	IEC 60603-7-51

Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
K5537GR.20	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, Longlink, 20m, grey	20.0 m	±5 %
K5537GR.30	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, Longlink, 30m, grey	30.0 m	±5 %
K5537GR.40	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, Longlink, 40m, grey	40.0 m	±5 %
K5537GR.50	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, Longlink, 50m, grey	50.0 m	±5 %
K5537GR.60	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, Longlink, 60m, grey	60.0 m	±5 %
K5537GR.70	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, Longlink, 70m, grey	70.0 m	±5 %
K5537GR.80	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, Longlink, 80m, grey	80.0 m	±5 %
K5537GR.90	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, Longlink, 90m, grey	90.0 m	±5 %

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