

DATASHEET

RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 1.0m, grey



General data

The **UL approved** and shielded Cat.6A RJ45 patch cable ensures very good characteristics for **10 Gigabit** Ethernet applications.

The cast grommet impresses with its **slim design** and simplifies the plugging process in confined spaces.

Cross section 4 x 2 x AWG26/7

Jacket material PVC

Cast anti-kink grommet, slim design

Allgemeine Daten

UL approbated	True
Connector type	RJ45 Standard blue
Suitable for degree of protection (IP)	IP20
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Material outer sheath	Polyvinylchlorid (PVC)
Colour anti-kink sleeve	grey
Fire retardant version	True

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Model	Shielded
Length imprint	False
Allocation	acc. TIA/EIA 568B
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	Selected shield contact
Mating cycles	2000
Bending radius	31 mm

Kabelaufbau

Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
Conductor Material	Copper
AWG-size	26/7
Cable construction	4x2

Kabelmantel

Outer diameter of the cable	6.5 mm
Oil resistant (according to EN 60811-404)	False
Halogen-free	No
Flame retardant	yes
Printing	E132276-C(UL) CM 75°C 4PR 26AWG CSA LL64151-C CMG 75°C FT4 Cat.6(A) SSTP PATCH CORD
Oil resistant	no
Resistant to chemicals	False

Umgebungsbedingungen

Temperature Range (Storage)	-25 - 70 °C
Temperature Range (Installation)	-10 - 50 °C

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Temperature Range (Operation)	-25 – 60 °C
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Elektrische Eigenschaften	
Loop resistance	284 Ω/km
Contact Resistance	30 MΩ
Conductor resistance DC	142 Ω/km
NVP value	- %
Test voltage	1000 V DC, 1min
Impedance	100 ±15 Ω
POE class	PoE+ acc. to IEEE802.3at
Operating-/ tempering voltage	max. 50 V DC
Insulation Resistance	100 MΩ

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
K5535GR.0,5	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 0.5m, grey	0.5 m	±5 %
K5535GR.1	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 1.0m, grey	1.0 m	±5 %
K5535GR.2	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 2.0m, grey	2.0 m	±5 %
K5535GR.3	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 3m, grey	3.0 m	±5 %
K5535GR.5	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 5.0m, grey	5.0 m	±5 %
K5535GR.7,5	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 7,5m, grey	7.5 m	±5 %
K5535GR.10	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 10m, grey	10.0 m	±5 %
K5535GR.15	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 15m, grey	15.0 m	±5 %
K5535GR.20	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 20m, grey	20.0 m	±5 %
K5535GR.30	RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 30m, grey	30.0 m	±5 %

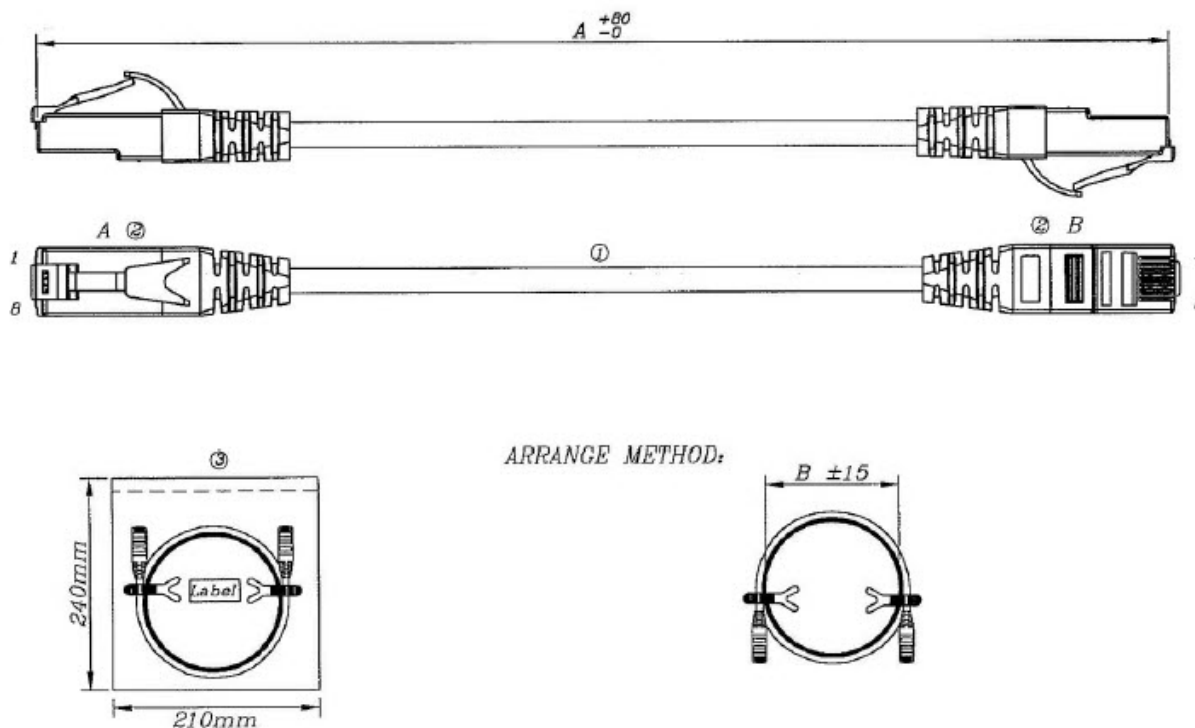
Drawings

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