

Latiguillo Sftp Ideal Cat-6a Vc-led Gris



General data

The shielded Cat.6A RJ45 patch cable provides excellent performance for **10 Gigabit Ethernet** applications. With the help of a detector (Art.-Nr. DC10001 oder DC10001USB) **light emitting diodes** are excited in both RJ45 plugs of the patch cable. The **illuminated RJ45 plugs** make it easy to **track the cable path**.

Cross section 4 x 2 x AWG26/7

Length imprint on the grommet

Allgemeine Daten

Suitable for degree of protection (IP)	IP20
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Colour anti-kink sleeve	grey
Fire retardant version	True
Model	Shielded
Material outer sheath	LSZH
Anti-kink sleeve	put-on
Allocation	acc. TIA/EIA 568B

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Connector type	RJ45 LED
Area of Application	Industrial Ethernet
Length imprint	True
Colour outer sheath	grey
Current Rating	max. 1 A
Halogen free	True
Category	6A (TIA)

Mechanische Eigenschaften

Conductive shield	360° shield contact
Bending radius	>20 mm

Kabelaufbau

Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
Total screening	>65 %
Conductor Material	Copper
AWG-size	26/7
Cable construction	4x2

Kabelmantel

Flame retardant	acc. IEC60332-3
Oil resistant (according to EN 60811-404)	False
Halogen-free	yes
Outer diameter of the cable	6.2 mm
Low smoke	acc. IEC61034

Umgebungsbedingungen

Temperature Range (Installation)	0 - 50 °C
Temperature Range (Operation)	-25 - 60 °C

Elektrische Eigenschaften

Conductor resistance DC	165 Ω/km
NVP value	- %
Impedance	100 ±15 Ω
Loop resistance	330 Ω/km

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POE class	PoE+ acc. to IEEE802.3at
Operating-/ tempering voltage	max. 50 V DC
Insulation Resistance	> 5000 MΩ

Übertragungstechnische Eigenschaften

Transmission	10Gbit
Bandwidth	500MHz

Normen, Zulassungen, Zertifizierungen

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

Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
DCK1001GR.0,5	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 0,5m, grey	0.5 m	±5 %
DCK1001GR.1	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 1m, grey	1.0 m	±5 %
DCK1001GR.1,5	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 1,5m, grey	1.5 m	±5 %
DCK1001GR.2	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 2m, grey	2.0 m	±5 %
DCK1001GR.3	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 3m, grey	3.0 m	±5 %
DCK1001GR.4	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 4m, grey	4.0 m	±5 %
DCK1001GR.5	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 5m, grey	5.0 m	±5 %
DCK1001GR.7	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 7m, grey	7.0 m	±5 %
DCK1001GR.7,5	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 7,5m, grey	7.5 m	±5 %
DCK1001GR.10	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 10m, grey	10.0 m	±5 %
DCK1001GR.15	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 15m, grey	15.0 m	±5 %
DCK1001GR.20	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 20m, grey	20.0 m	±5 %
DCK1001GR.50	RJ45 Patch cable S/FTP, Cat.6A, VC LED, 50m, grey	50.0 m	±5 %

Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.