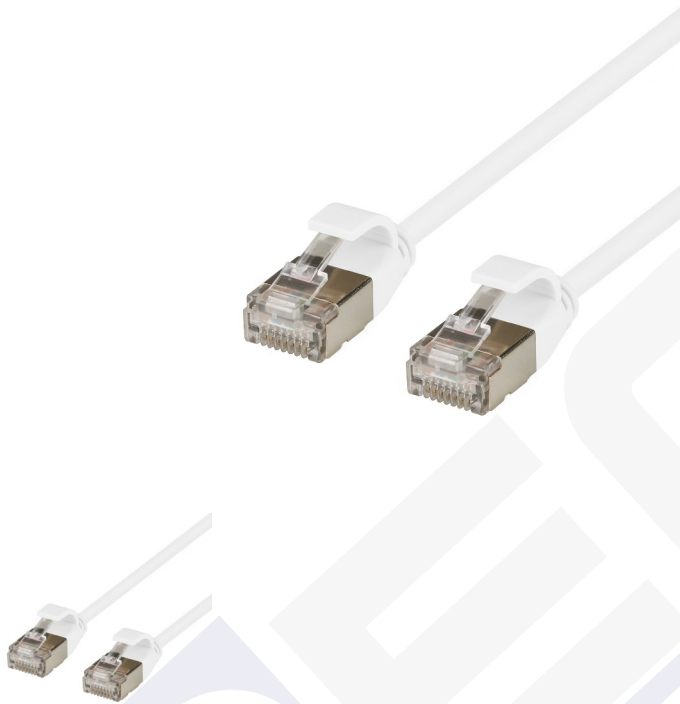


Latiguillo Sftp-Slim Ideal Cat-6a Blanco



General data

The shielded Cat.6A RJ45 patch cable ensures excellent performance for **10 Gigabit** Ethernet applications. The **TPE** outer sheath makes the cable **highly flexible** and thus easier to handle. The moulded grommet captivates with its **slim design** and simplifies the plugging process in cramped conditions. The **short connector** in combination with the **thin outer jacket** enables a very **high packing density**.

Cross section: 4 x 2 x **AWG30/7**

Cable diameter: **4,0mm**

Cable structure: U/FTP

Allgemeine Daten

Connector type	RJ45 short version
Suitable for degree of protection (IP)	IP20
Pin assignment	1:1
Locking lever	True
Fire retardant version	True
Model	Shielded
Contacts	Gold plated

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

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Allocation	acc. TIA/EIA 568B
Colour anti-kink sleeve	white
Cable type	U/FTP
Area of Application	Industrial Ethernet
Anti-kink sleeve	plugged in
Current Rating	max. 1 A
Colour outer sheath	white
Material outer sheath	TPE/LSZH
Halogen free	True
Category	6A (TIA)

Mechanische Eigenschaften

Conductive shield	Selected shield contact
Bending radius	>16 mm
Mating cycles	2000

Kabelaufbau

Type of connector connection 2	RJ45 8(8)
AWG-size	30/7
Type of connector connection 1	RJ45 8(8)
Conductor Material	Copper
Cable construction	4x2

Kabelmantel

Printing	Cat.6A Patchcord ULTRAFLEX U/FTP TPE 10G
Low smoke	True
Oil resistant (according to EN 60811-404)	False
Outer diameter of the cable	4.0 mm
Silicone-free	True

Umgebungsbedingungen

Temperature range	-20 - 75 °C
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Elektrische Eigenschaften

Loop resistance	752 Ω/km
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Test voltage	1000 V DC, 1min
Impedance	100 \pm 15 Ω
Conductor resistance DC	376 Ω /km
Resistance unbalance	< 4 %
Contact Resistance	< 20 m Ω
POE class	PoE+ acc. to IEEE802.3at
Operating-/ tempering voltage	max. 50 V DC
NVP value	76 %
Insulation Resistance	100 M Ω

Übertragungstechnische Eigenschaften

Bandwidth	500MHz
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Normen, Zulassungen, Zertifizierungen

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

Available variants

ArtNr.	Bezeichnung	Length Längentoleranz
K5547WS.0,15	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 0,15m, white	0.15 m \pm 5 %
K5547WS.0,25	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 0,25m, white	0.25 m \pm 5 %
K5547WS.0,5	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 0,5m, white	0.5 m \pm 5 %
K5547WS.1	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 1m, white	1.0 m \pm 5 %
K5547WS.1,5	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 1,5m, white	1.5 m \pm 5 %
K5547WS.2	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 2m, white	2.0 m \pm 5 %
K5547WS.3	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 3m, white	3.0 m \pm 5 %
K5547WS.5	RJ45 Patch cable U/FTP, Cat.6A, Raw cable TPE 4,0mm ultraflex, 5m, white	5.0 m \pm 5 %