

Latiguillo Sftp Ideal Cat-6a Blanco Lszh



General data

The shielded Cat.6A RJ45 patch cable with **component certification** from the GHMT 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 thus simplifies the insertion process in cramped conditions.

Very flexible TPE/LSZH outer sheath superflex

Cross section 4 x 2 x AWG26 / 7

Moulded grommet, slim design

Length imprint on the boot

Allgemeine Daten

Connector type	RJ45 Standard blue
Suitable for degree of protection (IP)	IP20
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Fire retardant version	True

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Model	Shielded
Allocation	acc. TIA/EIA 568B
Colour anti-kink sleeve	white
Area of Application	Industrial Ethernet
Length imprint	True
Anti-kink sleeve	plugged in
Category	6A (IEC)
Current Rating	max. 1 A
Contacts	50 µ" gold plated
Colour outer sheath	white
Material outer sheath	TPE/LSZH
Halogen free	True

Mechanische Eigenschaften

Conductive shield	360° shield contact
Bending radius	>32.5 mm
Mating cycles	2000

Kabelaufbau

Raw cable	Cat.7
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	yes
Printing	Cat.6A Patchcord SUPERFLEX S/FTP
Silicone-free	True
Low smoke	acc. IEC61034

Umgebungsbedingungen

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

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Temperature range	-20 - 75 °C
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Elektrische Eigenschaften	
Resistance unbalance	2 %
Loop resistance	284 Ω/km
Conductor resistance DC	142 Ω/km
Test voltage	1000 V DC, 1min
Contact Resistance	30 mΩ
POE class	PoE+ acc. to IEEE802.3at
Operating-/ tempering voltage	max. 50 V DC
NVP value	-
Insulation Resistance	100 MΩ
Impedance	100 ±25 Ω

Übertragungstechnische Eigenschaften	
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
K5525FWS.0,15	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0.15m, white	0.15 m ±5 %
K5525FWS.0,25	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0.25m, white	0.25 m ±5 %
K5525FWS.0,5	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 0.5m, white	0.5 m ±5 %
K5525FWS.1	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 1m, white	1.0 m ±5 %
K5525FWS.1,5	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 1.5m, white	1.5 m ±5 %
K5525FWS.2	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 2m, white	2.0 m ±5 %
K5525FWS.3	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 3m, white	3.0 m ±5 %
K5525FWS.4	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 4m, white	4.0 m ±5 %
K5525FWS.5	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 5m, white	5.0 m ±5 %
K5525FWS.7,5	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 7.5m, white	7.5 m ±5 %
K5525FWS.10	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 10m, white	10.0 m ±5 %

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K5525FWS.15	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 15m, white	15.0 m $\pm 5\%$
K5525FWS.20	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 20m, white	20.0 m $\pm 5\%$
K5525FWS.25	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 25m, white	25.0 m $\pm 5\%$
K5525FWS.30	RJ45 Patchkabel S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 30m, white	30.0 m $\pm 5\%$

Drawings

