

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

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

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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

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
NVP value	- %
Test voltage	1000 V DC, 1min
Contact Resistance	30 mΩ
POE class	PoE+ acc. to IEEE802.3at
Operating-/ tempering voltage	max. 50 V DC
Insulation Resistance	100 MΩ
Impedance	100 ±25 Ω

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

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K5525FGR.15	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 15m, grey	15.0 m $\pm 5\%$
K5525FGR.20	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 20m, grey	20.0 m $\pm 5\%$
K5525FGR.25	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 25m, grey	25.0 m $\pm 5\%$
K5525FGR.30	RJ45 Patch cable S/FTP, Cat.6A, Cat.7 Raw cable TPE superflex, 30m, grey	30.0 m $\pm 5\%$

Drawings

