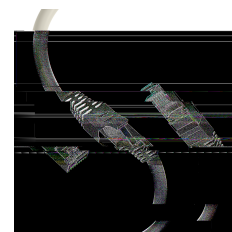
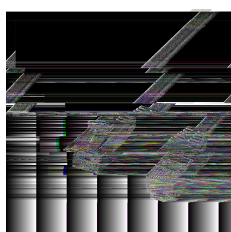


# DATASHEET

## RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 2m



### 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

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# DATASHEET

## RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 2m

Suitable for degree of protection (IP)	IP20
Fire retardant version	True
Model	Shielded
Length imprint	True
Jacket Material	TPE/LSZH
AWG-size	26/7

### General data

Connector type	RJ45 Standard blue
Cable type	S/FTP
Pin assignment	1:1
Locking lever	True
Colour anti-kink sleeve	grey
Allocation	acc. TIA/EIA 568B
Area of Application	Industrial Ethernet
Colour outer sheath	grey
Category	6A (IEC)
Anti-kink sleeve	moulded-on
Contacts	50 µ" gold plated
Halogen free	True

### Mechanical characteristics

Conductive shield	360° shield contact
Mating cycles	≥750
Bending radius	>32.5 mm

### Cable construction

Raw cable	Cat.7
Conductor Material	Copper

### Kabelaufbau

Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
Cable construction	4x2

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# DATASHEET

## RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 2m

### Cable sheath

Oil resistant (according to EN 60811-404)	False
Silicone-free	True
Low smoke	acc. IEC61034

### Kabelmantel

Outer diameter of the cable	6.5 mm
Halogen-free	acc. IEC60754-2
Printing	Cat.6A Patchcord SUPERFLEX S/FTP www.efb-elektronik.de

### Environmental conditions

Temperature range	-20 - 75 °C
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### Electrical characteristics

Resistance unbalance	2 %
Loop resistance	284 Ω/km
Conductor resistance DC	142 Ω/km
NVP value	- %
Contact Resistance	30 mΩ
POE class	PoE+ acc. to IEEE802.3at
Current Rating	max. 1 A
Insulation Resistance	100 MΩ
Impedance	100 ±25 Ω

### Elektrische Eigenschaften

Test voltage	1000 V DC, 1min
Operating-/ tempering voltage	max. 50 V DC

### Übertragungstechnische Eigenschaften

Transmission	10Gbit
Bandwidth	500MHz

### Standards, approvals, certifications

Cabling standard	EN50173
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# DATASHEET

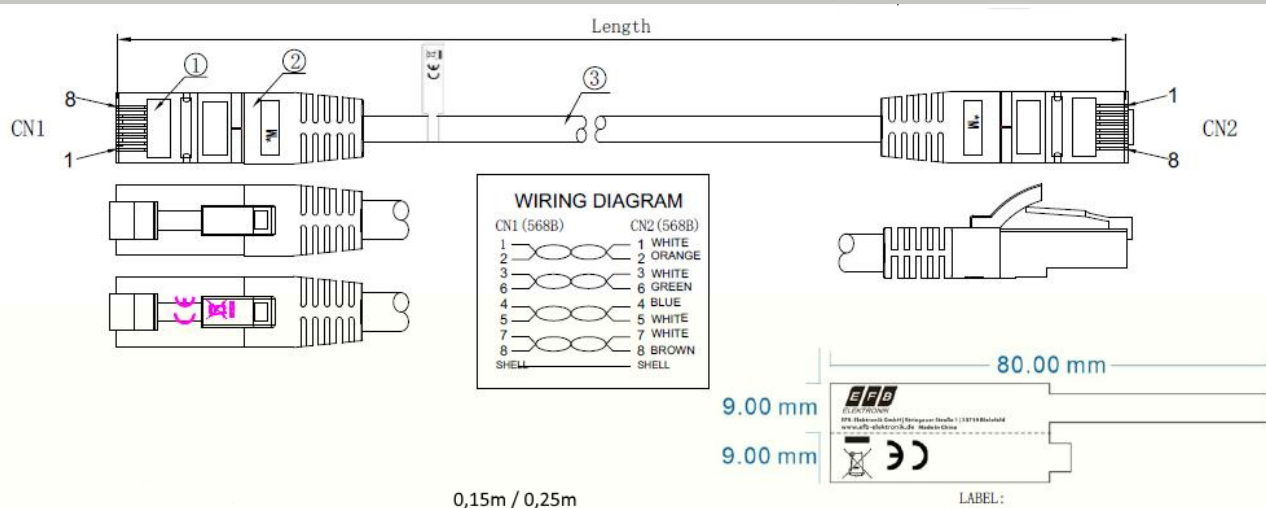
## RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 2m

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

### Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
K5525FGR.0,15	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 0,15m	0.15 m	±5 %
K5525FGR.0,25	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 0,25m	0.25 m	±5 %
K5525FGR.0,5	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 0,5m	0.5 m	±5 %
K5525FGR.1	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 1m	1.0 m	±5 %
K5525FGR.1,5	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 1,5m	1.5 m	±5 %
K5525FGR.2	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 2m	2.0 m	±5 %
K5525FGR.3	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 3m	3.0 m	±5 %
K5525FGR.5	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 5m	5.0 m	±5 %
K5525FGR.7,5	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 7,5m	7.5 m	±5 %
K5525FGR.10	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 10m	10.0 m	±5 %
K5525FGR.15	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 15m	15.0 m	±5 %
K5525FGR.20	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 20m	20.0 m	±5 %
K5525FGR.25	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 25m	25.0 m	±5 %
K5525FGR.30	RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 30m	30.0 m	±5 %

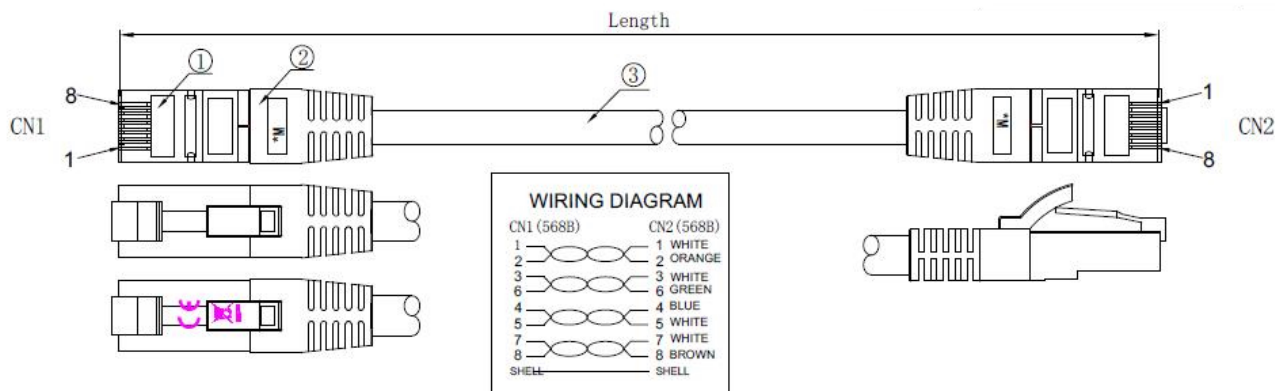
### Drawings



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RJ45 Patch Cord Cat.6A S/FTP TPE Cat.7 raw cable superflex grey 2m



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