

# Latiguillo Ftp Plano Ideal Cat-6a Gris Pvc



## General data

The pair-shielded Cat.6A RJ45 **flat patch cable** ensures excellent performance for **10 Gigabit Ethernet** applications. The flat patch cable impresses with its flat construction and is with **2.2mm height ideal for laying e.g. behind ledges or under a carpet**. The cast grommet captivates with its **slim design** and thus simplifies the plugging process in confined spaces.

Sheath material: PVC

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

Cable diameter: **7.0x2.2mm**

Plug type: **short plug**

## Allgemeine Daten

Connector type	RJ45 short version
Suitable for degree of protection (IP)	IP20
Fire retardant version	False
Pin assignment	1:1
Locking lever	True
Material outer sheath	Polyvinylchlorid (PVC)
Colour anti-kink sleeve	grey
Model	Shielded

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## Cat-6a Gris Pvc

Contacts	Gold plated
Allocation	acc. TIA/EIA 568B
Cable type	U/FTP
Area of Application	Industrial Ethernet
Colour outer sheath	grey
Anti-kink sleeve	plugged in
Current Rating	max. 1 A
Category	6A (TIA)
Halogen free	False

### Mechanische Eigenschaften

Conductive shield	Selected shield contact
Bending radius	>20 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

Oil resistant (according to EN 60811-404)	False
Silicone-free	True
Printing	SLIM PATCHCABLE U/FTP CAT.6A ***10GB***
Outer diameter of the cable	7.0*2.2 mm

### Umgebungsbedingungen

Temperature range	-20 - 55 °C
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### Elektrische Eigenschaften

Loop resistance	752 Ω/km
Test voltage	1000 V DC, 1min
Impedance	100 ±15 Ω
Conductor resistance DC	376 Ω/km

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Resistance unbalance	< 4 %
POE class	PoE+ acc. to IEEE802.3at
Operating-/ tempering voltage	max. 50 V DC
NVP value	76 %
Insulation Resistance	100 MΩ

## 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
K5545GR.0,15	RJ45 Flat Patch cable U/FTP, Cat.6A, PVC, 0.15m, grey	0.15 m	±5 %
K5545GR.0,25	RJ45 Flat Patch cable U/FTP, Cat.6A, PVC, 0.25m, grey	0.25 m	±5 %
K5545GR.0,5	RJ45 Flat Patch cable U/FTP, Cat.6A, PVC, 0.5m, grey	0.5 m	±5 %
K5545GR.1	RJ45 Flat Patch cable U/FTP, Cat.6A, PVC, 1m, grey	1.0 m	±5 %
K5545GR.1,5	RJ45 Flat Patch cable U/FTP, Cat.6A, PVC, 1.5m, grey	1.5 m	±5 %
K5545GR.2	RJ45 Flat Patch cable U/FTP, Cat.6A, PVC, 2m, grey	2.0 m	±5 %
K5545GR.3	RJ45 Flat Patch cable U/FTP, Cat.6A, PVC, 3m, grey	3.0 m	±5 %
K5545GR.5	RJ45 Flat Patch cable U/FTP, Cat.6A, PVC, 5m, grey	5.0 m	±5 %