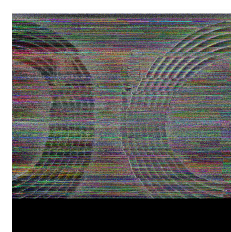
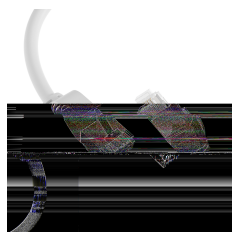
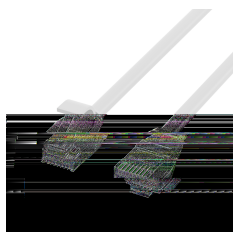
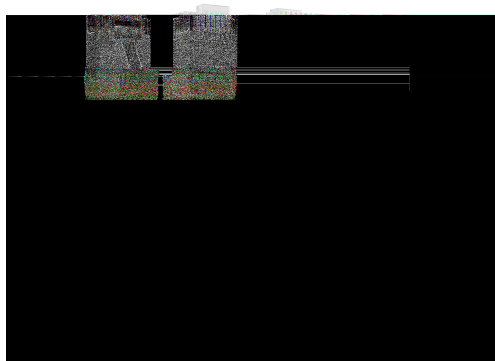


DATASHEET

RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 2m



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: **3.6 mm**

Cable structure: U/UTP

Allgemeine Daten

Model	Unshielded
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DATASHEET

RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 2m

Suitable for degree of protection (IP)	IP20
AWG-size	30/7
Fire retardant version	True
Jacket Material	TPE/LSZH

General data

Connector type	RJ45 short version
Pin assignment	1:1
Locking lever	True
Contacts	Gold plated μ " gold plated
Allocation	acc. TIA/EIA 568B
Colour anti-kink sleeve	white
Cable type	U/UTP
Anti-kink sleeve	plugged in
Area of Application	Structured cabling
Colour outer sheath	white
Halogen free	True
Category	6A (TIA)

Mechanical characteristics

Mating cycles	2000
Bending radius	15 mm

Cable construction

Conductor Material	Copper
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Kabelaufbau

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

Cable sheath

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

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DATASHEET

RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 2m

Kabelmantel

Printing	Cat.6A Patchcord ULTRAFLEX U/UTP TPE 10G www.efb-elektronik.de
Outer diameter of the cable	3.6 mm

Environmental conditions

Temperature range	-20 - 75 °C
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Electrical characteristics

Loop resistance	752 Ω/km
Impedance	100 ±15 Ω
Conductor resistance DC	376 Ω/km
Resistance unbalance	< 4 %
Contact Resistance	< 20 mΩ
POE class	PoE+ acc. to IEEE802.3at
Current Rating	max. 1 A
NVP value	76 %
Insulation Resistance	100 MΩ

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
Connector	IEC 60603-7-41
Oil resistant (acc. EN 60811-2-1)	False

Available variants

ArtNr.	Bezeichnung	Length Längentoleranz
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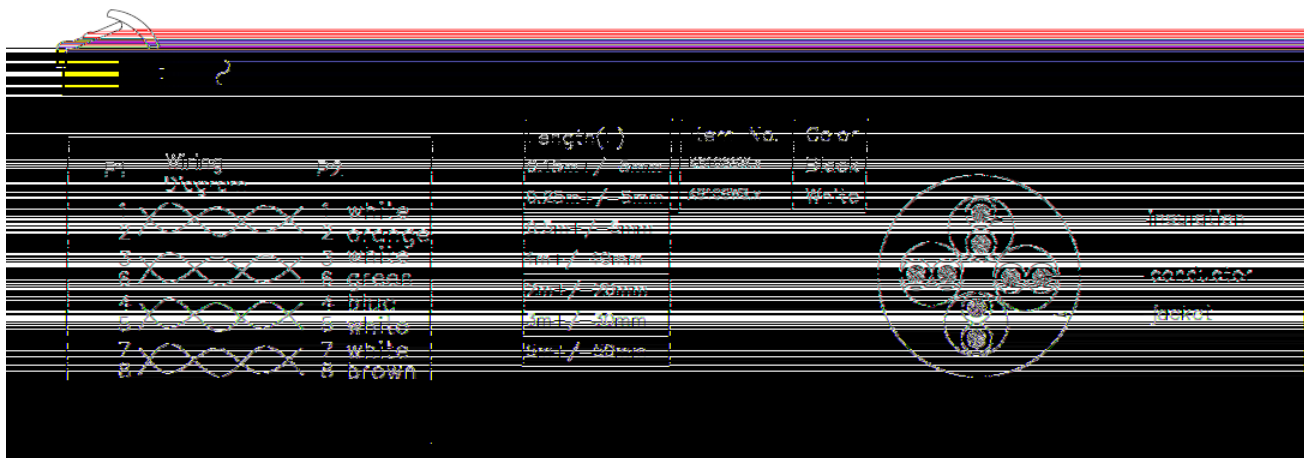
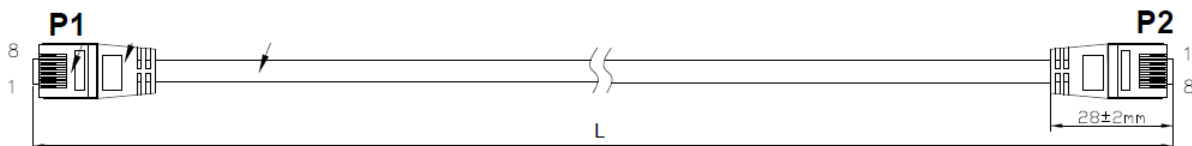


DATASHEET

RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 2m

K8108WS.0,15	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 0,15m	0.15 m	±5 %
K8108WS.0,25	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 0,25m	0.25 m	±5 %
K8108WS.0,5	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 0,5m	0.5 m	±5 %
K8108WS.1	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 1m	1.0 m	±5 %
K8108WS.1,5	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 1,5m	1.5 m	±5 %
K8108WS.2	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 2m	2.0 m	±5 %
K8108WS.3	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 3m	3.0 m	±5 %
K8108WS.5	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex white 5m	5.0 m	±5 %

Drawings



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