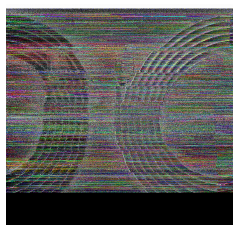
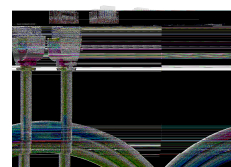
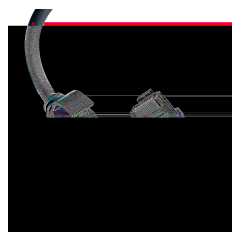
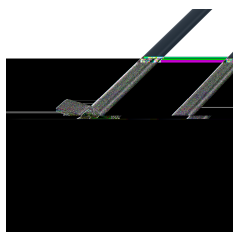


DATASHEET

RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex black 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 black 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
Colour outer sheath	black
Pin assignment	1:1
Locking lever	True
Contacts	Gold plated μ " gold plated
Allocation	acc. TIA/EIA 568B
Cable type	U/UTP
Anti-kink sleeve	plugged in
Area of Application	Structured cabling
Halogen free	True
Category	6A (TIA)
Colour anti-kink sleeve	black

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 black 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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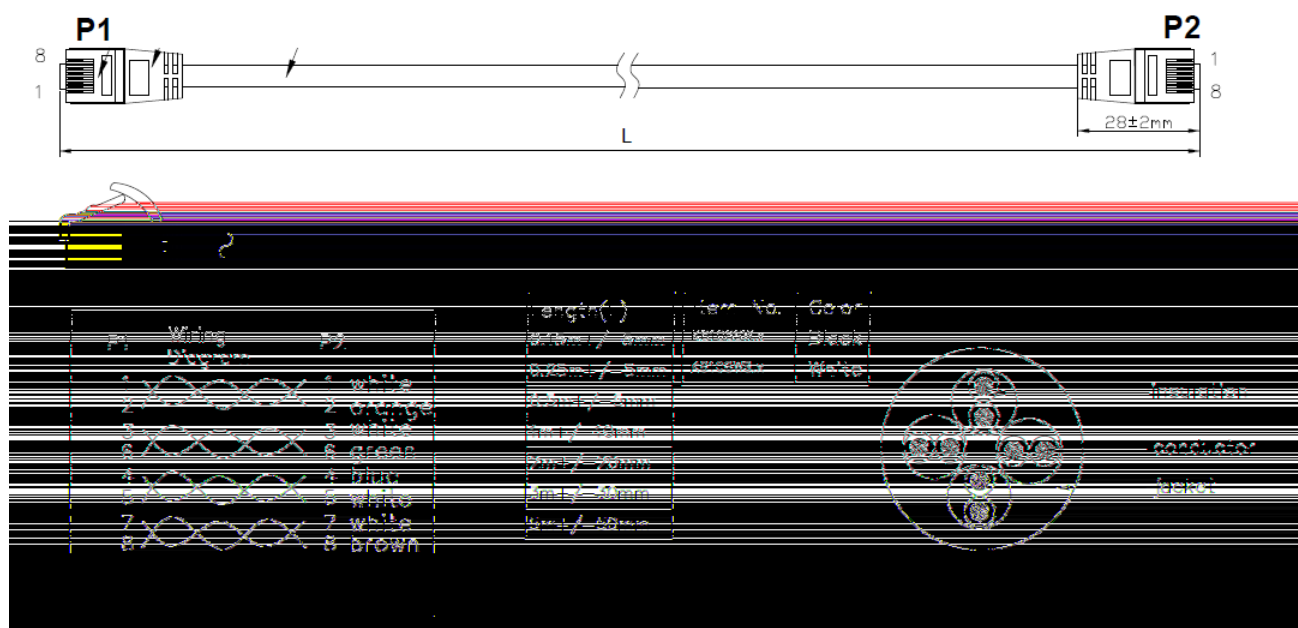


DATASHEET

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

K8108SW.0,15	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex black 0,15m	0.15 m	±5 %
K8108SW.0,25	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex black 0,25m	0.25 m	±5 %
K8108SW.0,5	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex black 0,5m	0.5 m	±5 %
K8108SW.1	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex black 1m	1.0 m	±5 %
K8108SW.1,5	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex black 1,5m	1.5 m	±5 %
K8108SW.2	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex black 2m	2.0 m	±5 %
K8108SW.3	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex black 3m	3.0 m	±5 %
K8108SW.5	RJ45 Patch Cord Cat.6A U/UTP TPE3,6mm ultraflex black 5m	5.0 m	±5 %

Drawings



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