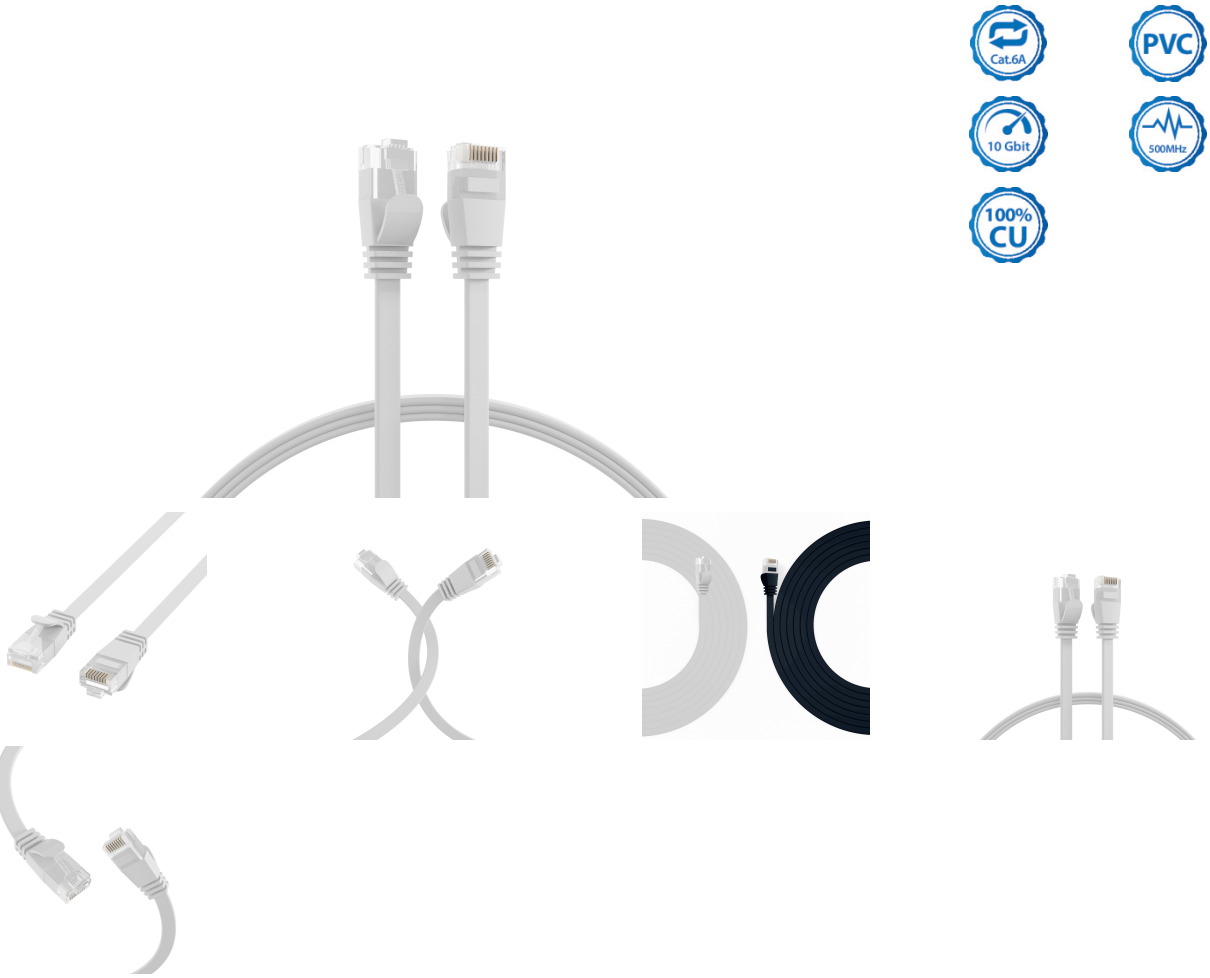
DATASHEET

RJ45 Flat Patch Cord Cat.6A U/UTP PVC white 1m



General data

RJ45 flat patch cable Cat.6A U/UTP PVC

The Cat.6A (TIA) patch cable has gold-plated contacts and meets the requirements for 10Gbit Ethernet.

Technical product features
• Cat.6A (TIA)
• U/UTP cable with AWG30/7
• Sheath material made of polyvinyl chloride (PVC)
• Plug connection: RJ45 to RJ45
• With locking lever protection
• Has gold-plated contacts
< br>The jacket of the patch cable is made of polyvinyl chloride (PVC) material. The cable also offers the option of power supply via PoE+ according to IEEE802.3at and PoE according to IEEE802.3af.

This datasheet was created automatically on 14-02-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Flat Patch Cord Cat.6A U/UTP PVC white 1m

The assignment of the particularly short RJ45 plugs is 1:1 and follows TIA/EIA 568B. Suitable for the temperature range -20 – 55 °C.

The network cable has a conductor material made of copper and is ideal for applications in structured building cabling. This achieves a frequency range of 500 MHz.

Technical properties	
AWG-size	30/7
Allocation	acc. TIA/EIA 568B
Anti-kink sleeve	moulded
Area of application	Structured cabling
Bending radius	>10 mm
Cable construction	4x2
Cable shape	flat
Cable type	U/UTP
Cabling standard	ANSI/TIA-568
Category	6A (TIA)
Colour anti-kink sleeve	white
Colour outer sheath	white
Conductive shield	No
Conductor Material	Copper
Conductor resistance DC	376 Ω/km
Connector	IEC 60603-7-41
Connector type	RJ45 short version
Contacts	Gold plated
Current capacity	max. 1 A
Fire retardant version	acc. IEC60332-1
Halogen free	False
Harmonised Standard	EN 50575
Impedance	100 ±15 Ω
Insulation Resistance	100 MΩ
Jacket material	Polyvinylchlorid (PVC)
Length imprint	False
Locking lever	True
Loop resistance	752 Ω/km
Mating cycles	≥750
Model	unshielded
NVP value	76 %
Oil resistant	no

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Flat Patch Cord Cat.6A U/UTP PVC white 1m

Operating Temperature	-20 – 55 °C
Operating-/ tempering voltage	max. 50 V DC
Outer diameter of the cable	6.0*1.6 mm
Ozone resistance	No
Pin assignment	1:1
Printing	SLIM PATCHCABLE U/UTP CAT.6A ***10GE*** www.efb-elektronik.de
Resistance unbalance	< 4 %
Resistant to chemicals	False
Silicone-free	True
Suitable for degree of protection (IP)	IP20
Tape width	500MHz
Test voltage	1000 (V DC, 1min) core/core und core/screen
Transmission	10Gbit
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)
UL approbated	False
UV resistant	no

Available variants

ArtNr.	Bezeichnung	Length	POE class	Length tolerance
K8107WS.0,25	RJ45 Flat Patch Cord Cat.6A U/UTP PVC white 0.25m	0.25 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at	±5 %
K8107WS.0,5	RJ45 Flat Patch Cord Cat.6A U/UTP PVC white 0,5m	0.5 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at	±5 %
K8107WS.1	RJ45 Flat Patch Cord Cat.6A U/UTP PVC white 1m	1.0 m	PoE acc. to IEEE802.3af;PoE acc. to IEEE802.3at	±5 %
K8107WS.1,5	RJ45 Flat Patch Cord Cat.6A U/UTP PVC white 1,5m	1.5 m	PoE acc. to IEEE802.3af	±5 %
K8107WS.2	RJ45 Flat Patch Cord Cat.6A U/UTP PVC white 2m	2.0 m	PoE acc. to IEEE802.3af	±5 %
K8107WS.3	RJ45 Flat Patch Cord Cat.6A U/UTP PVC white 3m	3.0 m	PoE acc. to IEEE802.3af	±5 %
K8107WS.5	RJ45 Flat Patch Cord Cat.6A U/UTP PVC white 5m	5.0 m	PoE acc. to IEEE802.3af	±5 %

Drawings

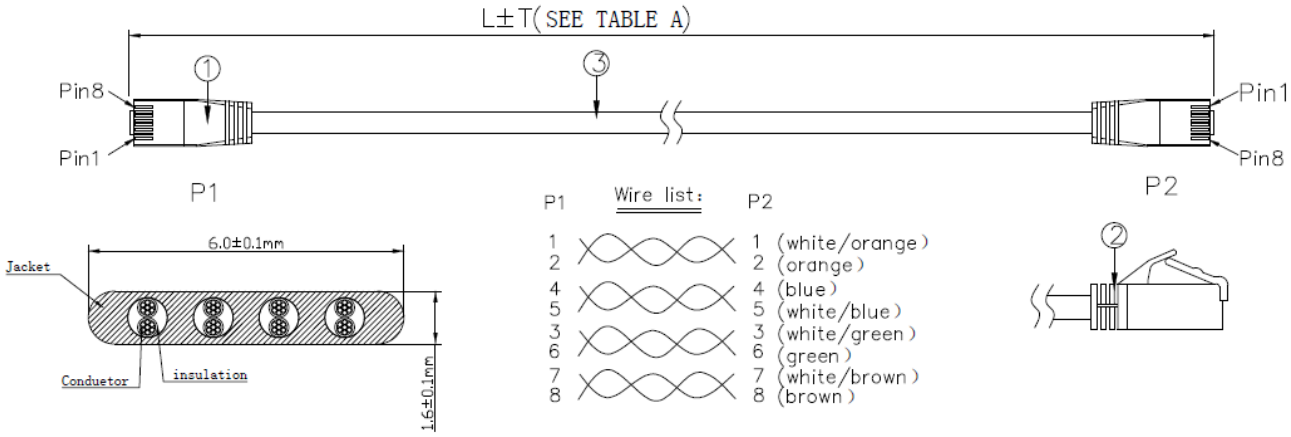
This datasheet was created automatically on 14-02-2026 . Technical changes reserved.

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

DATASHEET

RJ45 Flat Patch Cord Cat.6A U/UTP PVC white 1m