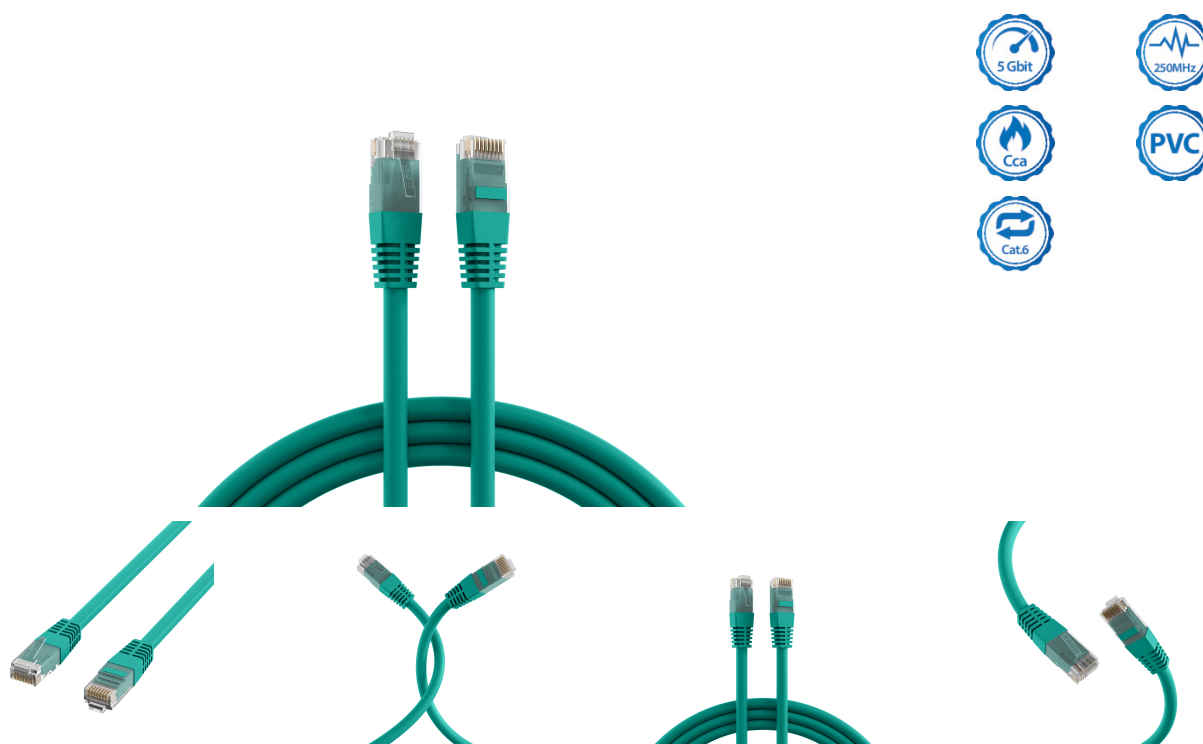


DATASHEET

RJ45 Patch Cord Cat.6 U/UTP PVC CCA green 0,25m



General data

RJ45 patch cable Cat.6 U/UTP PVC CCA

The Cat.6 patch cable has gold-plated contacts and meets the requirements for 5Gbit Ethernet.

Technical product features

- Cat.6
- U/UTP cable with AWG24/7
- Jacket material made of polyvinyl chloride (PVC)
- Plug connection: RJ45 to RJ45
- Has gold-plated contacts

The jacket of the patch cable is made of polyvinyl chloride (PVC) material and has a length print on the nozzle.

The assignment of the RJ45 plugs is 1:1 and follows TIA/EIA 568B . Suitable for the extended temperature range -20 - 70 °C.

The Ethernet cable has a conductor material made of CCA and is ideal for applications in structured building cabling, industrial Ethernet and data centers. A bandwidth of up to 250 MHz is achieved.

Technical properties

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AWG-size	24/7
Allocation	acc. TIA/EIA 568B
Anti-kink sleeve	moulded-on
Area of Application	Industrial Ethernet
Bandwidth	250MHz
Bending radius	>30 mm
Cable construction	4x2
Cable type	U/UTP
Cabling standard	EN50173
Category	6
Colour anti-kink sleeve	magenta
Colour outer sheath	magenta
Conductive shield	No
Conductor Material	CCA
Connector	IEC 60603-7-4
Connector type	RJ45 standard
Contacts	Gold plated
Current capacity	max. 1 A
Fire retardant version	acc. IEC60332-1
Halogen free	False
Impedance	100
Length imprint	True
Locking lever	False
Material outer sheath	Polyvinyl chloride (PVC)
Mating cycles	≥750
Model	unshielded
Oil resistant	no
Operating Temperature	-20 – 60 °C
Operating-/ tempering voltage	max. 50 V DC
Outer diameter of the cable	5.9 mm
Ozone resistance	No
Pin assignment	1:1
Printing	CAT.6 U/UTP AWG24 stranded x 4pairs cable ***5 GIGABIT*** www.efb-elektronik.de
Resistant to chemicals	False
Silicone-free	True
Suitable for degree of protection (IP)	IP20

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Test voltage	1000 (V DC, 1min) core/core und core/screen
Transmission	5Gbit
Type of connector connection 1	RJ45 8(8)
Type of connector connection 2	RJ45 8(8)

Available variants

ArtNr.	Bezeichnung	Length	POE class	Length tolerance
K8100GN.0,25	RJ45 Patch Cord Cat.6 U/UTP PVC CCA green 0,25m	0.25 m	No	±5 %
K8100MA.30	RJ45 Patch Cord Cat.6 U/UTP PVC CCA magenta 30m	30.0 m	No	±5 %

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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