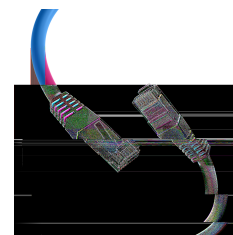
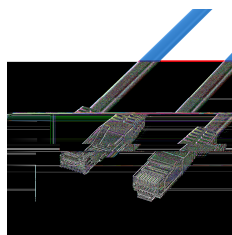
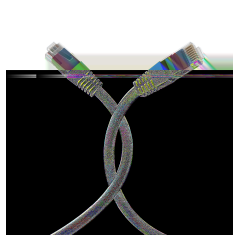
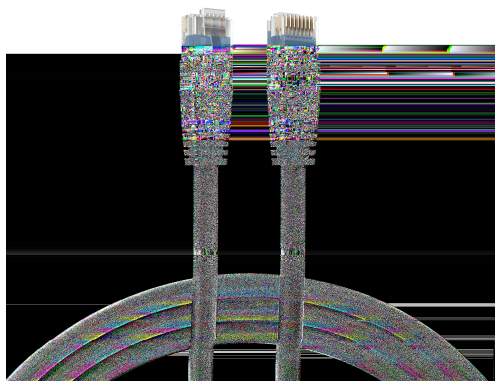


DATASHEET

RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 2m



General data

The unshielded Cat.6 RJ45 patch cable ensures excellent performance for 5 Gigabit Ethernet applications. The moulded grommet captivates with its **slim design** and thus simplifies the insertion process in cramped conditions.

Cross section 4 x 2 x **AWG24/7**

Moulded grommet, slim design

Length imprint on the boot

Allgemeine Daten

Model	Unshielded
Suitable for degree of protection (IP)	IP20
Fire retardant version	False
Jacket Material	Polyvinylchlorid (PVC)
AWG-size	24/7
Length imprint	True

General data

Locking lever	False
Colour anti-kink sleeve	blue

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DATASHEET

RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 2m

Pin assignment	1:1
Contacts	Gold plated μ " gold plated
Allocation	acc. TIA/EIA 568B
Connector type	RJ45 Standard
Cable type	U/UTP
Area of Application	Industrial Ethernet
Anti-kink sleeve	plugged in
Colour outer sheath	blue
Halogen free	False
Category	6

Mechanical characteristics

Bending radius	30 mm
Mating cycles	750

Cable construction

Conductor Material	CCA
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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

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

Kabelmantel

Outer diameter of the cable	5.9 mm
Printing	Cat.6 UTP AWG24 stranded x 4pairs cable www.efb-elektronik.de

Environmental conditions

Temperature range	-20 70 °C
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Electrical characteristics

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DATASHEET

RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 2m

NVP value	- %
POE class	PoE+ acc. to IEEE802.3at
Current Rating	max. 1 A

Elektrische Eigenschaften

Operating-/ tempering voltage	max. 50 V DC
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Übertragungstechnische Eigenschaften

Bandwidth	250MHz
Transmission	5Gbit

Standards, approvals, certifications

Cabling standard	EN50173
Connector	IEC 60603-7-4
Oil resistant (acc. EN 60811-2-1)	False

Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
K8100BL.0,25	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 0,25m	0.25 m	± 5 %
K8100BL.0,5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 0,5m	0.5 m	± 5 %
K8100BL.1	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 1m	1.0 m	± 5 %
K8100BL.1,5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 1,5m	1.5 m	± 5 %
K8100BL.2	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 2m	2.0 m	± 5 %
K8100BL.3	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 3m	3.0 m	± 5 %
K8100BL.5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 5m	5.0 m	± 5 %
K8100BL.7,5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 7,5m	7.5 m	± 5 %
K8100BL.10	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 10m	10.0 m	± 5 %
K8100BL.15	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 15m	15.0 m	± 5 %
K8100BL.20	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 20m	20.0 m	± 5 %
K8100BL.30	RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 30m	30.0 m	± 5 %

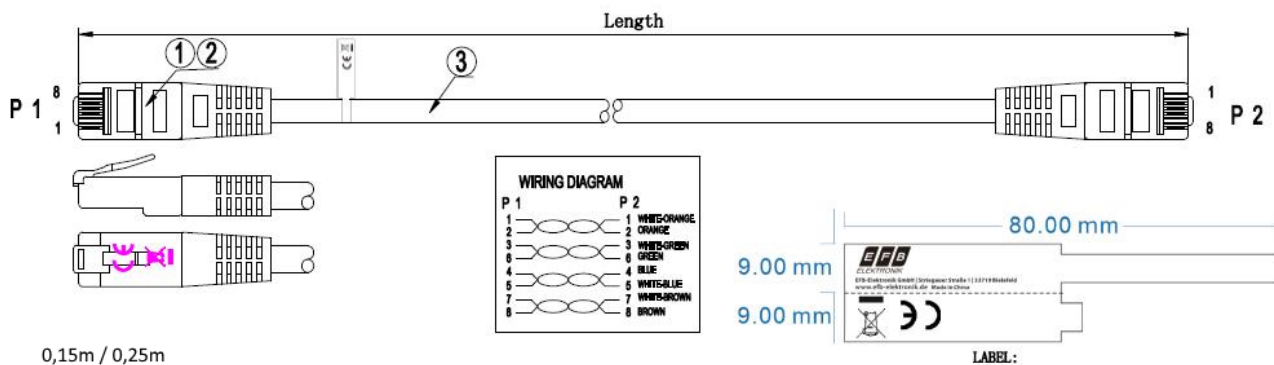
Drawings

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DATASHEET

RJ45 Patch Cord Cat.6 U/UTP PVC CCA blue 2m



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