

# DATASHEET

## RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 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 outer sheath	orange

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Contacts	Gold plated μ" Gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Cable type	U/UTP
Area of Application	Industrial Ethernet
Anti-kink sleeve	moulded-on
Colour anti-kink sleeve	orange
Connector type	RJ45 standard
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 <a href="http://www.efb-elektronik.de">www.efb-elektronik.de</a>

### Environmental conditions

Temperature range	-20 70 °C
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### Electrical characteristics

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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
K81000R.0,25	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 0,25m	0.25 m	± 5 %
K81000R.0,5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 0,5m	0.5 m	± 5 %
K81000R.1	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 1m	1.0 m	± 5 %
K81000R.1,5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 1,5m	1.5 m	± 5 %
K81000R.2	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 2m	2.0 m	± 5 %
K81000R.3	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 3m	3.0 m	± 5 %
K81000R.5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 5m	5.0 m	± 5 %
K81000R.7,5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 7,5m	7.5 m	± 5 %
K81000R.10	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 10m	10.0 m	± 5 %
K81000R.15	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 15m	15.0 m	± 5 %
K81000R.20	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 20m	20.0 m	± 5 %
K81000R.30	RJ45 Patch Cord Cat.6 U/UTP PVC CCA orange 30m	30.0 m	± 5 %

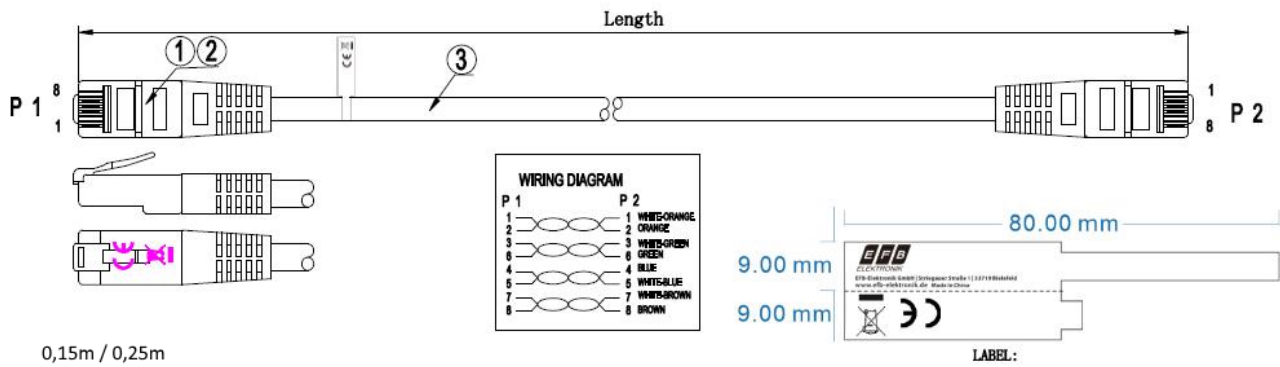
### Drawings

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