

## RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 1m



### General data

The unshielded Cat.6 RJ45 patch cable with 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

Locking lever	False
Contacts	Gold plated μ" Gold plated
Model	Unshielded
Suitable for degree of protection (IP)	IP20
Fire retardant version	False
Pin assignment	1:1
Material outer sheath	Polyvinylchlorid (PVC)
Allocation	acc. TIA/EIA 568B
Cable type	U/UTP
Area of Application	Industrial Ethernet

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Length imprint	True
Colour anti-kink sleeve	red
Colour outer sheath	red
Current Rating	max. 1 A
Anti-kink sleeve	moulded-on
Connector type	RJ45 standard
Halogen free	False
Category	6

### Mechanische Eigenschaften

Bending radius	30 mm
Mating cycles	≥750

### Kabelaufbau

Conductor Material	CCA
Type of connector connection 2	RJ45 8(8)
Type of connector connection 1	RJ45 8(8)
AWG-size	24/7
Cable construction	4x2

### Kabelmantel

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

### Umgebungsbedingungen

Temperature range	-20 - 70 °C
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### Elektrische Eigenschaften

NVP value	- %
POE class	PoE+ acc. to IEEE802.3at
Operating-/ tempering voltage	max. 50 V DC

### Übertragungstechnische Eigenschaften

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Bandwidth	250MHz
Transmission	5Gbit

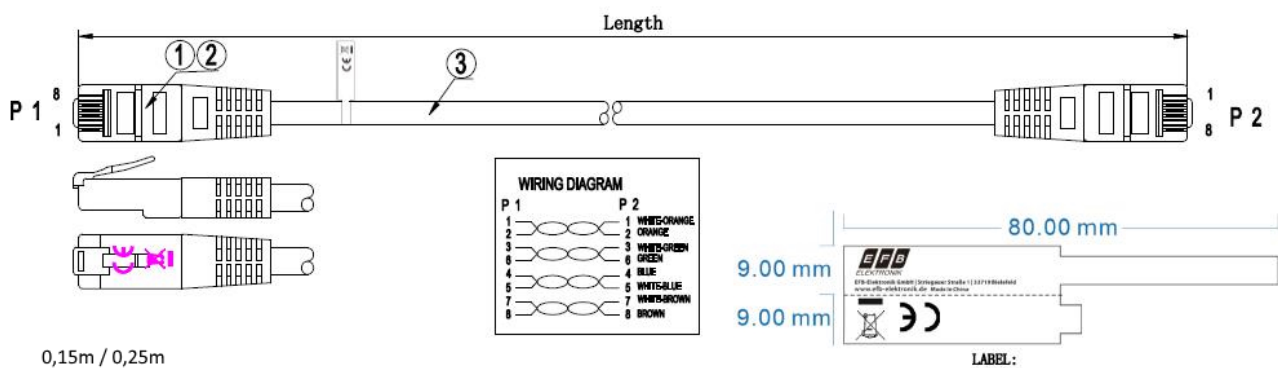
### Normen, Zulassungen, Zertifizierungen

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

### Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
K8100RT.0,25	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 0,25m	0.25 m	±5 %
K8100RT.0,5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 0,5m	0.5 m	±5 %
K8100RT.1	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 1m	1.0 m	±5 %
K8100RT.1,5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 1,5m	1.5 m	±5 %
K8100RT.2	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 2m	2.0 m	±5 %
K8100RT.3	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 3m	3.0 m	±5 %
K8100RT.5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 5m	5.0 m	±5 %
K8100RT.7,5	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 7,5m	7.5 m	±5 %
K8100RT.10	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 10m	10.0 m	±5 %
K8100RT.15	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 15m	15.0 m	±5 %
K8100RT.20	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 20m	20.0 m	±5 %
K8100RT.30	RJ45 Patch Cord Cat.6 U/UTP PVC CCA red 30m	30.0 m	±5 %

### Drawings



0,15m / 0,25m

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