

# DATASHEET

## RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 2m



### General data

The unshielded Cat.5e RJ45 patch cable ensures excellent performance for 2.5 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	True
AWG-size	24/7
Area of Application	Industrial Ethernet
Length imprint	True

### General data

Locking lever	False
Colour outer sheath	black

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Category	5e
Contacts	Gold plated $\mu$ " Gold plated
Pin assignment	1:1
Allocation	acc. TIA/EIA 568B
Cable type	U/UTP
Anti-kink sleeve	moulded-on
Connector type	RJ45 standard
Colour anti-kink sleeve	black
Halogen free	False

### Mechanical characteristics

Bending radius	27 mm
Mating cycles	$\geq 750$

### 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
Jacket Material	Polyvinylchlorid (PVC)
Silicone-free	True

### Kabelmantel

Printing	UTP Cat.5E 100MHZ 24AWGX4P Patch ISO/IEC 11801 & EN 50173 verified <a href="http://www.efb-elektronik.de">www.efb-elektronik.de</a>
Outer diameter of the cable	5.4 mm

### Environmental conditions

Temperature range	0 - 60 °C
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### Electrical characteristics

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NVP value	- %
Contact Resistance	< 20 mΩ
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

Transmission	2.5Gbit
Bandwidth	100MHz

### Standards, approvals, certifications

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

### Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
K8098.0,5	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 0,5m	0.5 m	±5 %
K8098.1	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 1m	1.0 m	±5 %
K8098.1,5	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 1,5m	1.5 m	±5 %
K8098.2	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 2m	2.0 m	±5 %
K8098.3	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 3m	3.0 m	±5 %
K8098.5	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 5m	5.0 m	±5 %
K8098.7,5	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 7,5m	7.5 m	±5 %
K8098.10	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 10m	10.0 m	±5 %
K8098.15	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 15m	15.0 m	±5 %
K8098.20	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 20m	20.0 m	±5 %
K8098.25	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 25m	25.0 m	±5 %
K8098.30	RJ45 Patch Cord Cat.5e U/UTP PVC CCA black 30m	30.0 m	±5 %

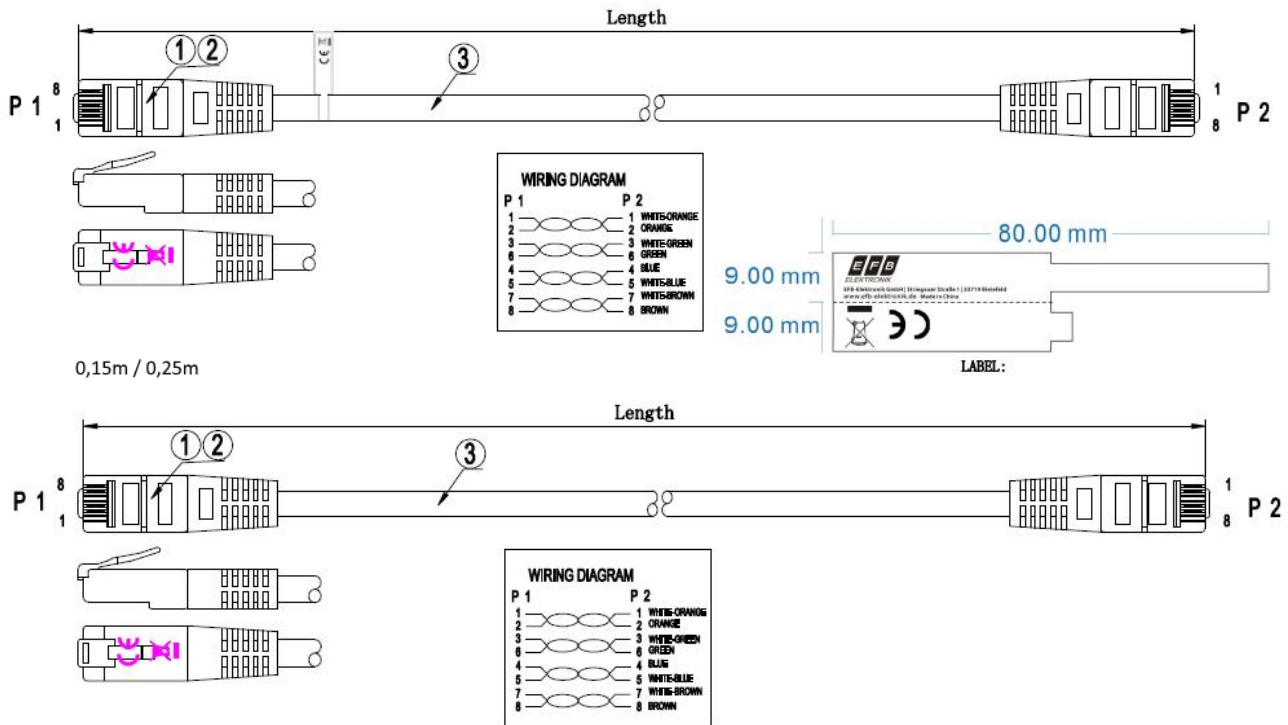
### Drawings

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