

# DATASHEET

## RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 0.5m, grey



### General data

The unshielded Cat.5e RJ45 patch cable with 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

Locking lever	False
Category	5e
Model	Unshielded
Suitable for degree of protection (IP)	IP20
Pin assignment	1:1
Material outer sheath	Polyvinylchlorid (PVC)
Colour anti-kink sleeve	grey
Fire retardant version	True
Contacts	Gold plated $\mu$ " gold plated
Allocation	acc. TIA/EIA 568B

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Cable type	U/UTP
Area of Application	Industrial Ethernet
Length imprint	True
Colour outer sheath	grey
Current Rating	max. 1 A
Anti-kink sleeve	moulded-on
Connector type	RJ45 standard
Halogen free	False

### Mechanische Eigenschaften

Bending radius	27 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
Printing	UTP Cat.5E 100MHZ 24AWGX4P Patch ISO/IEC 11801 & EN 50173 verified
Silicone-free	True
Outer diameter of the cable	5.4 mm

### Umgebungsbedingungen

Temperature range	0 - 60 °C
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### Elektrische Eigenschaften

NVP value	- %
Contact Resistance	< 20 mΩ
POE class	PoE+ acc. to IEEE802.3at
Operating-/ tempering voltage	max. 50 V DC

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### Übertragungstechnische Eigenschaften

Transmission	2.5Gbit
Bandwidth	100MHz

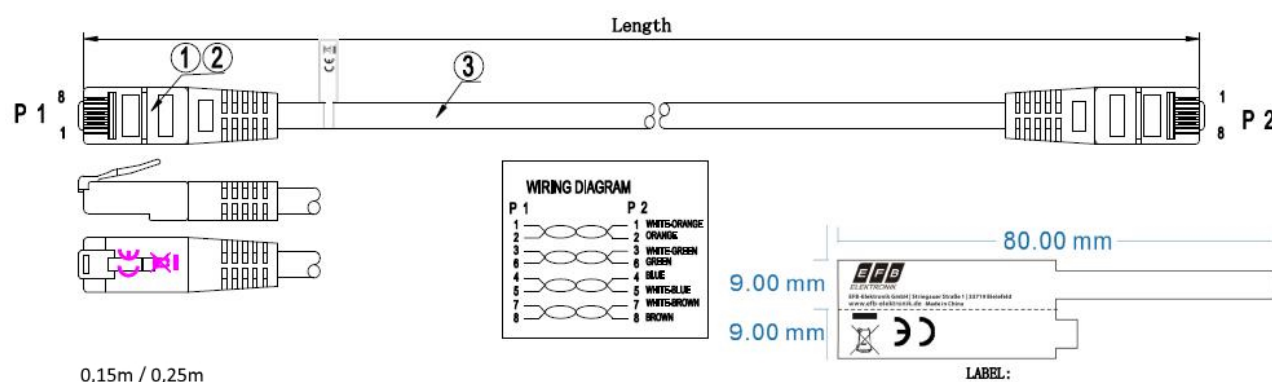
### Normen, Zulassungen, Zertifizierungen

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

### Available variants

ArtNr.	Bezeichnung	Length	Längentoleranz
K8456.0,5	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 0.5m, grey	0.5 m	±5 %
K8456.1	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 1m, grey	1.0 m	±5 %
K8456.1,5	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 1.5m, grey	1.5 m	±5 %
K8456.2	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 2m, grey	2.0 m	±5 %
K8456.3	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 3m, grey	3.0 m	±5 %
K8456.5	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 5m, grey	5.0 m	±5 %
K8456.7,5	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 7.5m, grey	7.5 m	±5 %
K8456.10	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 10m, grey	10.0 m	±5 %
K8456.15	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 15m, grey	15.0 m	±5 %
K8456.20	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 20m, grey	20.0 m	±5 %
K8456.30	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 30m, grey	30.0 m	±5 %
K8456.25	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 25m, grey	25.0 m	±5 %

### Drawings

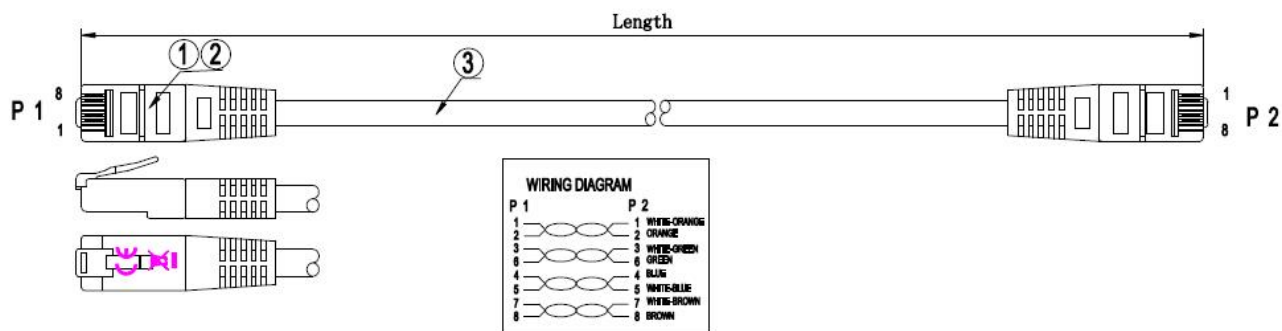


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