

DATASHEET

RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, magenta



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

Technical Specifications

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	magenta
Fire retardant version	True
Contacts	Gold plated μ " gold plated
Colour outer sheath	magenta

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Allocation	acc. TIA/EIA 568B
Cable type	U/UTP
Area of Application	Industrial Ethernet
Length imprint	True
Current Rating	max. 1 A
Anti-kink sleeve	moulded-on
Connector type	RJ45 standard
Halogen free	False

Mechanical Features

Bending radius	27 mm
Mating cycles	≥750

Cable construction

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

Cable jacket

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

Environmental Conditions

Temperature range	0 - 60 °C
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Electrical Properties

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

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Transmission properties

Transmission	2.5Gbit
Bandwidth	100MHz

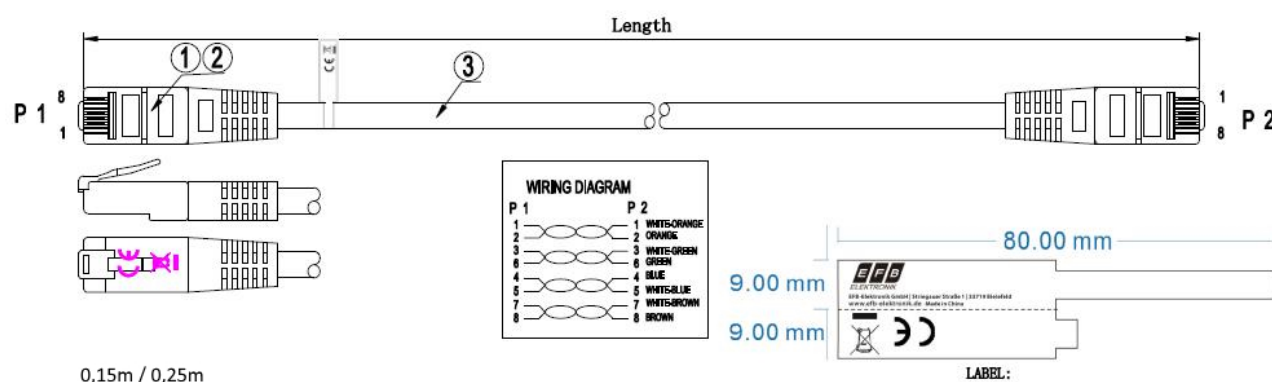
Standards, approvals, certifications

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

Available variants

ArtNr.	Designation	Length	Length tolerance
K8091.0,5	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 0.5m, magenta	0.5 m	±5 %
K8091.1	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 1m, magenta	1.0 m	±5 %
K8091.1,5	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 1.5m, magenta	1.5 m	±5 %
K8091.2	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 2m, magenta	2.0 m	±5 %
K8091.3	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 3m, magenta	3.0 m	±5 %
K8091.5	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 5m, magenta	5.0 m	±5 %
K8091.7,5	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 7.5m, magenta	7.5 m	±5 %
K8091.10	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 10m, magenta	10.0 m	±5 %
K8091.15	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 15m, magenta	15.0 m	±5 %
K8091.20	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 20m, magenta	20.0 m	±5 %
K8091.25	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 25m, magenta	25.0 m	±5 %
K8091.30	RJ45 Patch cable U/UTP, Cat.5e, PVC, CCA, 30m, magenta	30.0 m	±5 %

Drawings



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