

## RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 5m



### General data

RJ45 patch cable Cat.6 U/UTP LSZH CCA

The Cat.6 patch cable has gold-plated contacts and meets the requirements for 5Gbit Ethernet.

Technical product features

- Cat.6
- U/UTP cable with AWG24/7
- Jacket material made of halogen-free LSZH
- Fire protection: flame-retardant, halogen-free, low smoke
- Plug connection: RJ45 to RJ45
- With locking lever protection
- Has gold-plated contacts

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The jacket of the patch cable is made of halogen-free LSZH material. The cable also offers the option of power supply via PoE according to IEEE802.3af, PoE+ according to IEEE802.3at and 4PPoE according to IEEE802.3bt.

The assignment of the RJ45 plugs is 1:1 and follows TIA/EIA 568B .

The data cable has a conductor material made of CCA and is ideal for applications in structured building cabling, industrial Ethernet and data centers. The frequency range is up to 250 MHz.

### Allgemeine Daten

Model	Unshielded
Suitable for degree of protection (IP)	IP20
Fire retardant version	True
Jacket Material	LSZH
AWG-size	24/7
Length imprint	True
Contacts	Gold plated μ" gold plated
Current Rating	max. 1 A

### General data

Pin assignment	1:1
Locking lever	True
Allocation	acc. TIA/EIA 568B
Colour anti-kink sleeve	white
Connector type	RJ45 Standard
Cable type	U/UTP
Area of Application	Industrial Ethernet
Anti-kink sleeve	plugged in
Colour outer sheath	white
Halogen free	True
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**

Low smoke	True
Oil resistant (according to EN 60811-404)	False
Silicone-free	True
Flame retardant	True

**Kabelmantel**

Printing	Cat.6 U/UTP AWG24/7 stranded x 4pairs LSZH cable <a href="http://www.efb-elektronik.de">www.efb-elektronik.de</a>
Outer diameter of the cable	5.9 mm
Halogen-free	True

**Electrical characteristics**

NVP value	- %
POE class	PoE+ acc. to IEEE802.3at

**Elektrische Eigenschaften**

Test voltage	1000 (V DC, 1min) core/core und core/screen
Operating-/ tempering voltage	max. 50 V DC

**Übertragungstechnische Eigenschaften**

Bandwidth	250MHz
Transmission	5Gbit

**Standards, approvals, certifications**

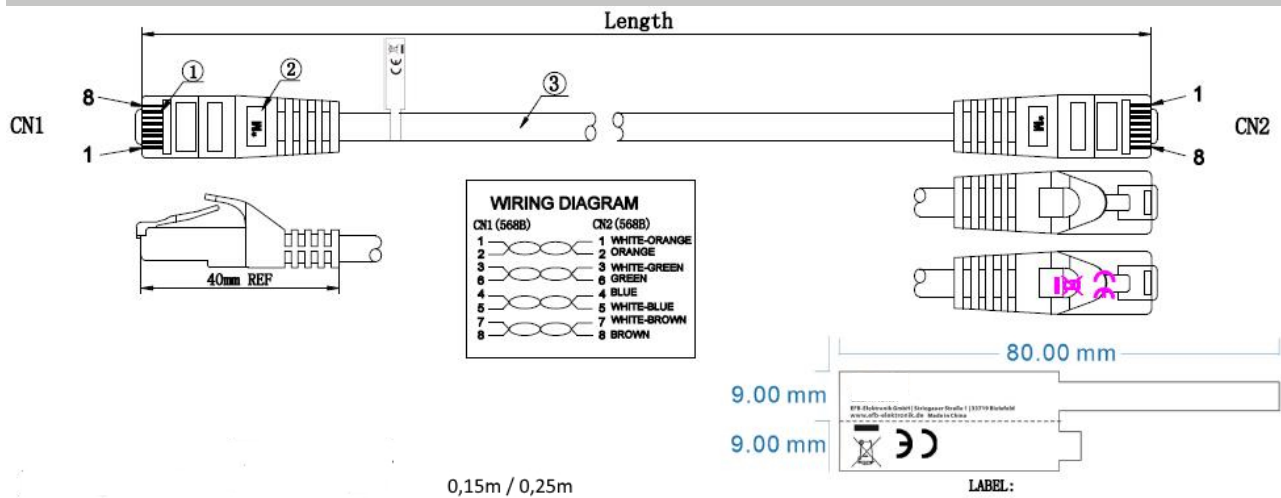
Cabling standard	EN50173
Connector	IEC 60603-7-4
Oil resistant (acc. EN 60811-2-1)	False

**Available variants**

## RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 5m

ArtNr.	Bezeichnung	Length	Längentoleranz
K8104WS.0,25	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 0,25m	0.25 m	±5 %
K8104WS.0,5	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 0,5m	0.5 m	±5 %
K8104WS.1	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 1m	1.0 m	±5 %
K8104WS.1,5	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 1,5m	1.5 m	±5 %
K8104WS.2	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 2m	2.0 m	±5 %
K8104WS.3	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 3m	3.0 m	±5 %
K8104WS.5	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 5m	5.0 m	±5 %
K8104WS.7,5	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 7,5m	7.5 m	±5 %
K8104WS.10	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 10m	10.0 m	±5 %
K8104WS.15	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 15m	15.0 m	±5 %
K8104WS.20	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 20m	20.0 m	±5 %
K8104WS.25	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 25m	25.0 m	±5 %
K8104WS.30	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 30m	30.0 m	±5 %
K8104WS.50	RJ45 Patch Cord Cat.6 U/UTP LSZH CCA white 50m	50.0 m	±5 %

### Drawings





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