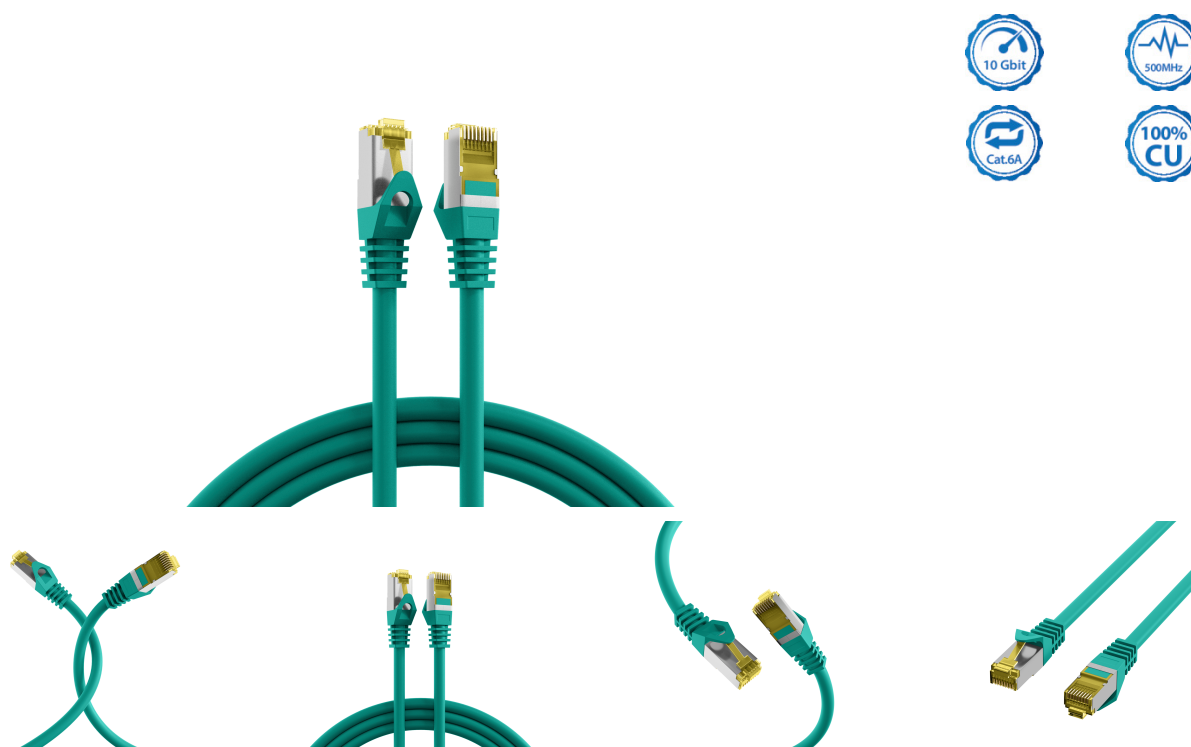


DATASHEET

RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 1m



General data

The shielded Cat.6A RJ45 patch cable ensures excellent performance for 10 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 AWG26 / 7

Moulded grommet, slim design

Length imprint on the boot

Allgemeine Daten

| | |
|--|----------------------|
| Colour anti-kink sleeve | green |
| Suitable for degree of protection (IP) | IP20 |
| Cable type | S/FTP |
| Pin assignment | 1:1 |
| Locking lever | True |
| Fire retardant version | True |
| Model | Shielded |
| Material outer sheath | LSZH |
| Connector type | RJ45 Standard yellow |

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| | |
|---------------------|---------------------|
| Contacts | Gold plated |
| Allocation | acc. TIA/EIA 568B |
| Colour outer sheath | green |
| Area of Application | Industrial Ethernet |
| Length imprint | True |
| Anti-kink sleeve | plugged in |
| Current Rating | max. 1 A |
| Halogen free | True |
| Category | 6A (TIA) |

Mechanische Eigenschaften

| | |
|-------------------|-------------------------|
| Conductive shield | Selected shield contact |
| Bending radius | >32.5 mm |
| Mating cycles | 2000 |

Kabelaufbau

| | |
|--------------------------------|-----------|
| Raw cable | Cat.7 |
| Type of connector connection 2 | RJ45 8(8) |
| Type of connector connection 1 | RJ45 8(8) |
| Conductor Material | Copper |
| AWG-size | 26/7 |
| Cable construction | 4x2 |

Kabelmantel

| | |
|---|--|
| Outer diameter of the cable | 6.5 mm |
| Printing | Cat.7 raw cable S/FTP 4x2xAWG26/7 PIMF 600MHz ISO/IEC 11801 & EN50173-1 TIA/EIA 568B-2.1 Halogen Free ***10GIGABIT*** www.efb-elektronik.de |
| Oil resistant (according to EN 60811-404) | False |
| Halogen-free | yes |
| Flame retardant | acc. IEC60332-1 |
| Silicone-free | True |
| Low smoke | acc. IEC61034 |

Umgebungsbedingungen

| | |
|-------------------|-------------|
| Temperature range | -20 - 60 °C |
|-------------------|-------------|

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| Elektrische Eigenschaften | |
|-------------------------------|--------------------------|
| Insulation Resistance | 10 MΩ |
| Test voltage | 1000 V DC, 1min |
| Loop resistance | 292 Ω/km |
| Contact Resistance | 30 mΩ |
| POE class | PoE+ acc. to IEEE802.3at |
| Operating-/ tempering voltage | max. 50 V DC |
| Impedance | 100 ±5 Ω |
| Resistance unbalance | 5 % |
| Conductor resistance DC | 146 Ω/km |

| Übertragungstechnische Eigenschaften | |
|--------------------------------------|--------|
| Transmission | 10Gbit |
| Bandwidth | 500MHz |

| Normen, Zulassungen, Zertifizierungen | |
|---------------------------------------|----------------|
| Oil resistant (acc. EN 60811-2-1) | False |
| Connector | IEC 60603-7-51 |

| Available variants | | |
|--------------------|---|-----------------------|
| ArtNr. | Bezeichnung | Length Längentoleranz |
| MK7001.0,15GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 0,15m | 0.15 m ±5 % |
| MK7001.0,25GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 0,25m | 0.25 m ±5 % |
| MK7001.0,5GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 0,5m | 0.5 m ±5 % |
| MK7001.1GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 1m | 1.0 m ±5 % |
| MK7001.1,5GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 1,5m | 1.5 m ±5 % |
| MK7001.2GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 2m | 2.0 m ±5 % |
| MK7001.3GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 3m | 3.0 m ±5 % |
| MK7001.5GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 5m | 5.0 m ±5 % |
| MK7001.7,5GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 7,5m | 7.5 m ±5 % |
| MK7001.10GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 10m | 10.0 m ±5 % |
| MK7001.15GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 15m | 15.0 m ±5 % |
| MK7001.20GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 20m | 20.0 m ±5 % |
| MK7001.25GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 25m | 25.0 m ±5 % |
| MK7001.30GR | RJ45 Patch Cord Cat.6A S/FTP LSZH Cat.7 raw cable green 30m | 30.0 m ±5 % |

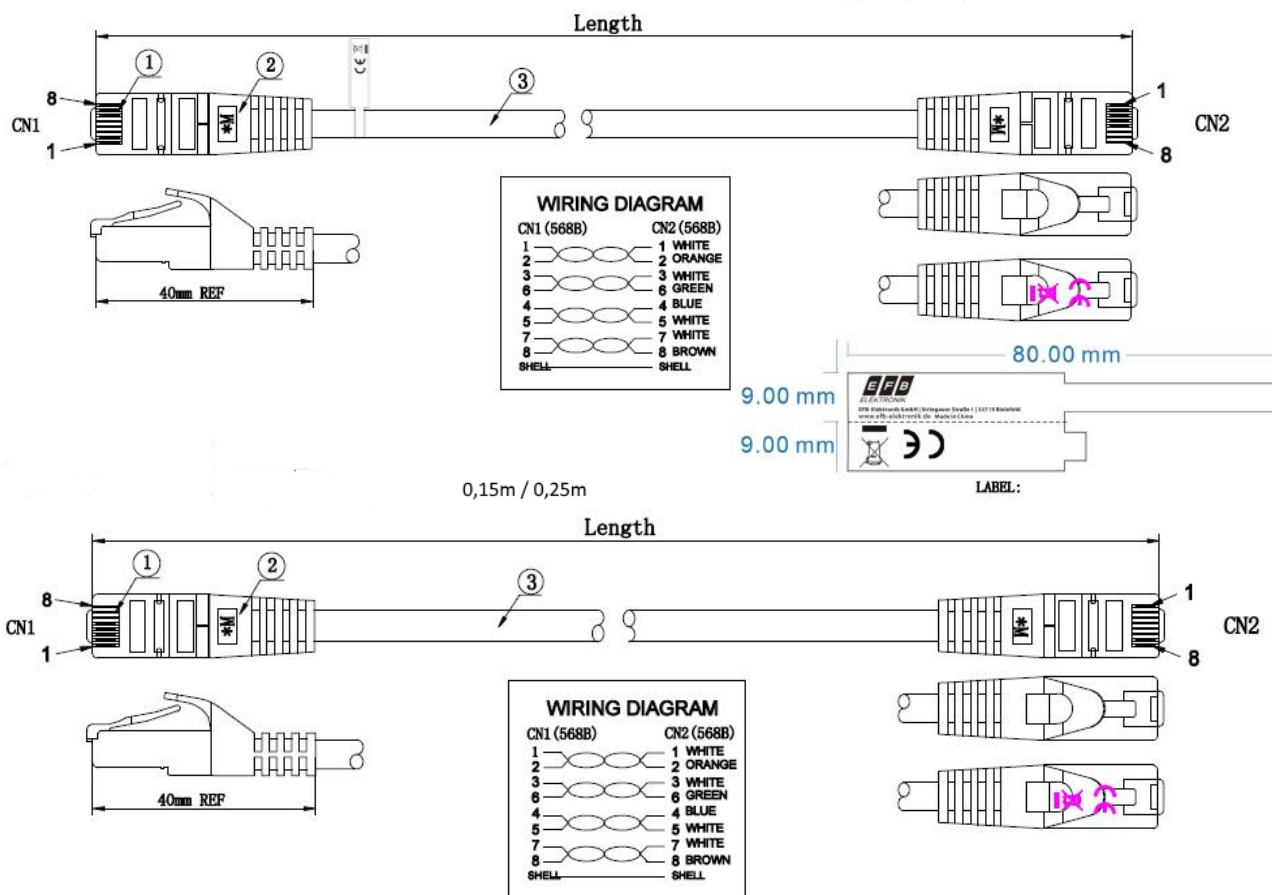
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Drawings



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