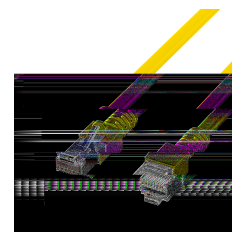
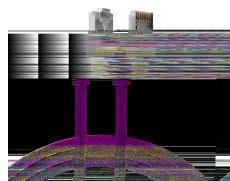
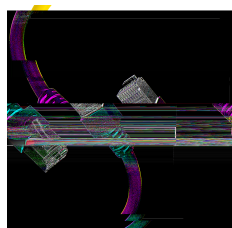
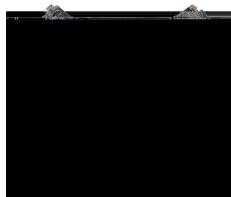
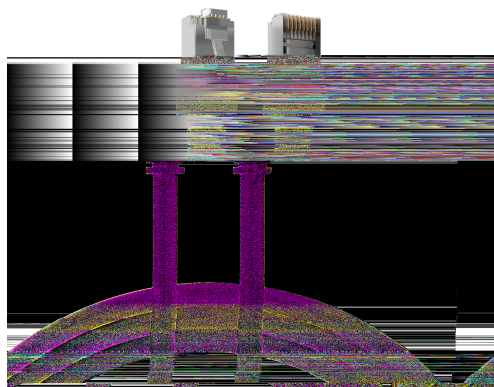


DATASHEET

RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 2m



General data

The Cat.5e RJ45 patch cable ensures good characteristics for 2.5 Gigabit Ethernet applications. Due to the **double shielding**, the patch cable is even **better protected against EMC radiation**.

Cross section 4 x 2 x AWG26/7

Cast anti-kink grommet (**patented**)

Cable structure **SF/UTP**

Length imprint on the grommet

Conductor material CCA

Allgemeine Daten

| | |
|--|------------------------|
| Suitable for degree of protection (IP) | IP20 |
| Fire retardant version | False |
| Jacket Material | Polyvinylchlorid (PVC) |
| Model | Shielded |
| Length imprint | True |
| AWG-size | 26/7 |

General data

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DATASHEET

RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 2m

| | |
|-------------------------|---------------------|
| Cable type | SF/UTP |
| Category | 5e |
| Pin assignment | 1:1 |
| Locking lever | True |
| Colour outer sheath | yellow |
| Contacts | Gold plated |
| Allocation | acc. TIA/EIA 568B |
| Colour anti-kink sleeve | yellow |
| Connector type | RJ45 Standard |
| Area of Application | Industrial Ethernet |
| Anti-kink sleeve | plugged in |
| Halogen free | False |

Mechanical characteristics

| | |
|-------------------|-------------------------|
| Conductive shield | Selected shield contact |
| Bending radius | >25 mm |
| Mating cycles | 2000 |

Cable construction

| | |
|--------------------|-----|
| Conductor Material | CCA |
|--------------------|-----|

Kabelaufbau

| | |
|--------------------------------|-----------|
| Type of connector connection 2 | RJ45 8(8) |
| Total screening | 65 % |
| Type of connector connection 1 | RJ45 8(8) |
| Cable construction | 4x2 |

Cable sheath

| | |
|---|-------|
| Oil resistant (according to EN 60811-404) | False |
| Silicone-free | True |

Kabelmantel

| | |
|-----------------------------|---|
| Printing | SFTP 300 CAT.5E 26AWGX4P PATCH ISO/IEC 11801 & EN 50173 VERIFIED www.efb-elektronik.de |
| Outer diameter of the cable | 5.7 mm |

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DATASHEET

RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 2m

Environmental conditions

| | |
|-------------------|------------|
| Temperature range | -5 - 70 °C |
|-------------------|------------|

Electrical characteristics

| | |
|-------------------------|--------------------------|
| Insulation Resistance | 10 MΩ |
| Loop resistance | 292 Ω/km |
| Contact Resistance | 30 mΩ |
| POE class | PoE+ acc. to IEEE802.3at |
| Current Rating | max. 1 A |
| Resistance unbalance | 5 % |
| Conductor resistance DC | 146 Ω/km |

Elektrische Eigenschaften

| | |
|-------------------------------|-----------------|
| Test voltage | 1000 V DC, 1min |
| Operating-/ tempering voltage | max. 50 V DC |

Übertragungstechnische Eigenschaften

| | |
|--------------|---------|
| Transmission | 2.5Gbit |
| Bandwidth | 100MHz |

Standards, approvals, certifications

| | |
|-----------------------------------|---------------|
| Cabling standard | EN50173 |
| Connector | IEC 60603-7-3 |
| Oil resistant (acc. EN 60811-2-1) | False |

Available variants

| ArtNr. | Bezeichnung | Length | Längentoleranz |
|-----------|---|--------|----------------|
| K5457.0,5 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 0,5m | 0.5 m | ±5 % |
| K5457.1 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 1m | 1.0 m | ±5 % |
| K5457.1,5 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 1,5m | 1.5 m | ±5 % |
| K5457.2 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 2m | 2.0 m | ±5 % |
| K5457.3 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 3m | 3.0 m | ±5 % |
| K5457.5 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 5m | 5.0 m | ±5 % |
| K5457.7,5 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 7,5m | 7.5 m | ±5 % |
| K5457.10 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 10m | 10.0 m | ±5 % |
| K5457.15 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 15m | 15.0 m | ±5 % |

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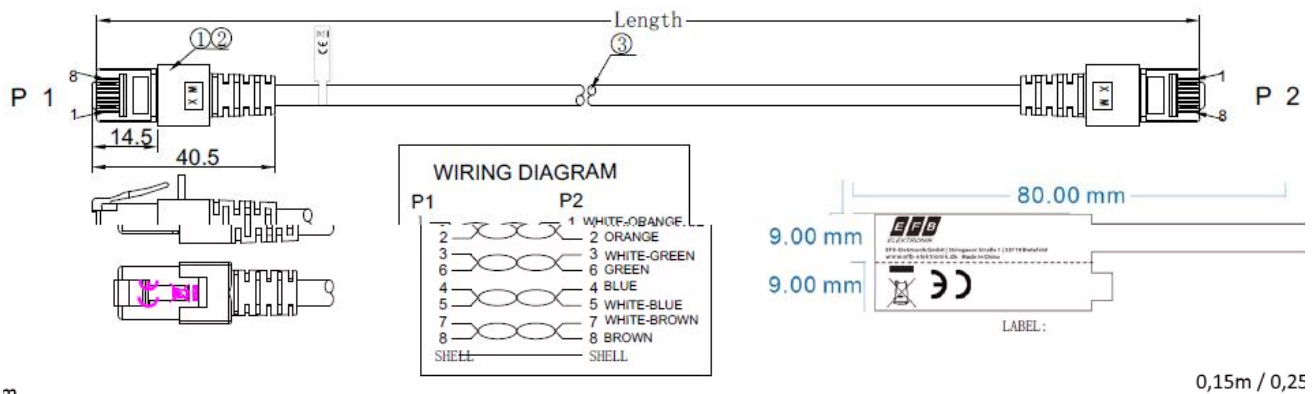


DATASHEET

RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 2m

| | | | |
|----------|--|--------|------|
| K5457.20 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 20m | 20.0 m | ±5 % |
| K5457.25 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 25m | 25.0 m | ±5 % |
| K5457.30 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA yellow 30m | 30.0 m | ±5 % |

Drawings



m

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