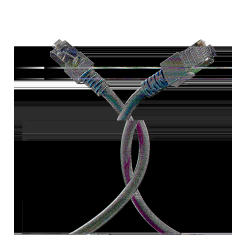
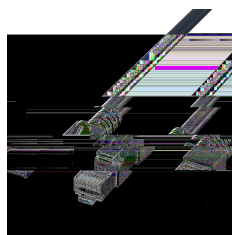
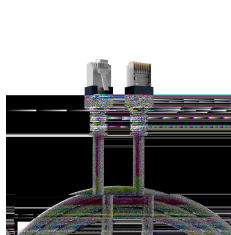
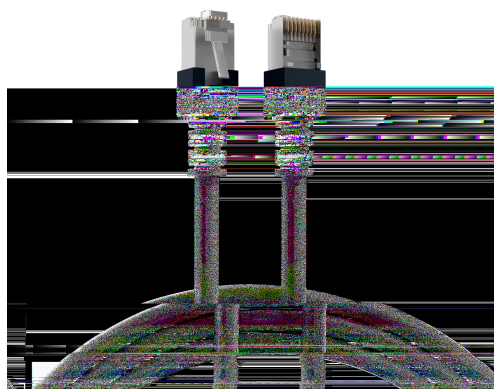


# DATASHEET

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

|                         |                               |
|-------------------------|-------------------------------|
| Cable type              | SF/UTP                        |
| Colour outer sheath     | black                         |
| Category                | 5e                            |
| Pin assignment          | 1:1                           |
| Locking lever           | True                          |
| Allocation              | acc. TIA/EIA 568B             |
| Contacts                | Gold plated $\mu$ " Vergoldet |
| Connector type          | RJ45 Standard                 |
| Area of Application     | Industrial Ethernet           |
| Anti-kink sleeve        | plugged in                    |
| Colour anti-kink sleeve | black                         |
| 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 <a href="http://www.efb-elektronik.de">www.efb-elektronik.de</a> |
| Outer diameter of the cable | 5.7 mm  |

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# DATASHEET

## RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 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 |
|-----------|--|--------|----------------|
| K5456.0,5 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 0,5m | 0.5 m  | ±5 %           |
| K5456.1   | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 1m   | 1.0 m  | ±5 %           |
| K5456.1,5 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 1,5m | 1.5 m  | ±5 %           |
| K5456.2   | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 2m   | 2.0 m  | ±5 %           |
| K5456.3   | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 3m   | 3.0 m  | ±5 %           |
| K5456.5   | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 5m   | 5.0 m  | ±5 %           |
| K5456.7,5 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 7,5m | 7.5 m  | ±5 %           |
| K5456.10  | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 10m  | 10.0 m | ±5 %           |
| K5456.15  | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 15m  | 15.0 m | ±5 %           |

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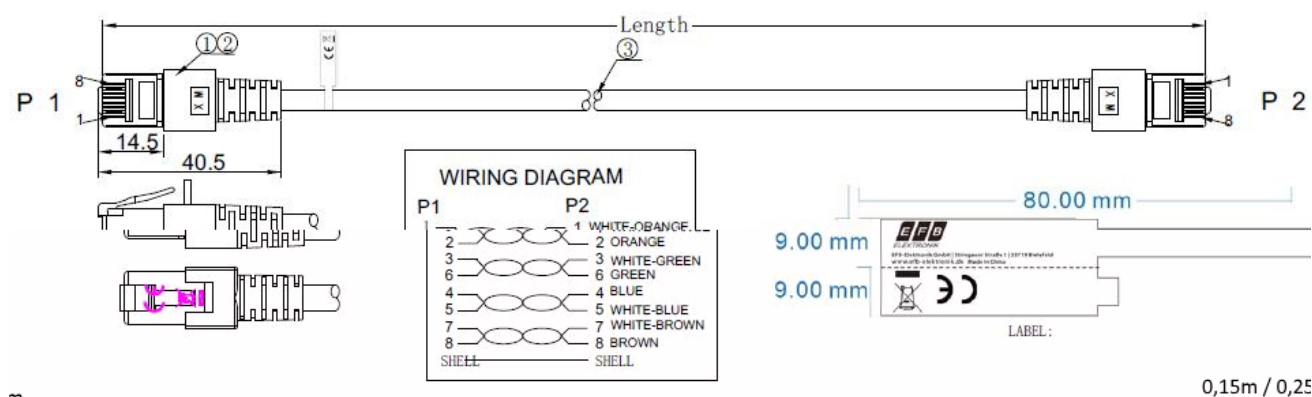


# DATASHEET

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

|          |   |        |      |
|----------|---|--------|------|
| K5456.20 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 20m | 20.0 m | ±5 % |
| K5456.25 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 25m | 25.0 m | ±5 % |
| K5456.30 | RJ45 Patch Cord Cat.5e SF/UTP PVC CCA black 30m | 30.0 m | ±5 % |

### Drawings



m

0,15m / 0,25

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