

## RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, yellow



### Description

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

### General data

|                                |                   |
|--------------------------------|-------------------|
| Category                       | 5e                |
| Type of connector connection 1 | RJ45 8(8)         |
| Type of connector connection 2 | RJ45 8(8)         |
| Connector type                 | RJ45 Standard     |
| Contacts                       | Gold plated       |
| Pin assignment                 | 1:1               |
| Allocation                     | acc. TIA/EIA 568B |
| Type                           | Shielded          |
| Length imprint                 | yes               |
| Anti-kink sleeve               | moulded           |
| Colour anti-kink sleeve        | yellow            |
| Locking lever                  | yes               |

### Mechanical characteristics

|                   |                         |
|-------------------|-------------------------|
| Mating cycles     | ≥750                    |
| Bending radius    | >25 mm                  |
| Conductive shield | Selected shield contact |

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### Cable construction

|                           |        |
|---------------------------|--------|
| Cable structure           | SF/UTP |
| Total screening           | 65 %   |
| Cable construction        | 4x2    |
| AWG-size/strands per core | 26/7   |
| Conductor Material        | CCA    |

### Cable sheath

|                             |                                                                  |
|-----------------------------|------------------------------------------------------------------|
| Silicone-free               | yes                                                              |
| Jacket material             | PVC                                                              |
| Colour outer sheath         | yellow                                                           |
| Printing                    | SFTP 300 CAT.5E 26AWGX4P PATCH ISO/IEC 11801 & EN 50173 VERIFIED |
| Outer diameter of the cable | 5.7 mm                                                           |

### Environmental conditions

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

### Electrical characteristics

|                         |                                              |
|-------------------------|----------------------------------------------|
| Conductor resistance DC | 146 Ω/km                                     |
| Loop resistance         | 292 Ω/km                                     |
| Resistance unbalance    | 5 %                                          |
| Insulation resistance   | 10 MΩ                                        |
| Contact resistance      | 30 mΩ                                        |
| Test voltage            | 1000 (V DC, 1 min) core/core und core/screen |

### Transmission characteristics

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

### Standards, approvals, certifications

|           |               |
|-----------|---------------|
| Connector | IEC 60603-7-3 |
|-----------|---------------|

### Available variants

| Article no. | Title                                                   | Length |
|-------------|---------------------------------------------------------|--------|
| K5457.0,5   | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 0.5m, yellow | 0.5 m  |
| K5457.1     | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 1m, yellow   | 1.0 m  |
| K5457.1,5   | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 1.5m, yellow | 1.5 m  |

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|           |                                                         |        |
|-----------|---------------------------------------------------------|--------|
| K5457.2   | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 2m, yellow   | 2.0 m  |
| K5457.3   | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 3m, yellow   | 3.0 m  |
| K5457.5   | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 5m, yellow   | 5.0 m  |
| K5457.7,5 | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 7.5m, yellow | 7.5 m  |
| K5457.10  | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 10m, yellow  | 10.0 m |
| K5457.15  | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 15m, yellow  | 15.0 m |
| K5457.20  | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 20m, yellow  | 20.0 m |
| K5457.25  | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 25m, yellow  | 25.0 m |
| K5457.30  | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, 30m, yellow  | 30.0 m |

### similar product

|         |                                                  |
|---------|--------------------------------------------------|
| K5458.1 | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, red   |
| K5460.1 | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, green |
| K5459.1 | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, blue  |
| K5456.1 | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, black |
| K5455.1 | RJ45 Patch cable SF/UTP, Cat.5e, PVC, CCA, grey  |