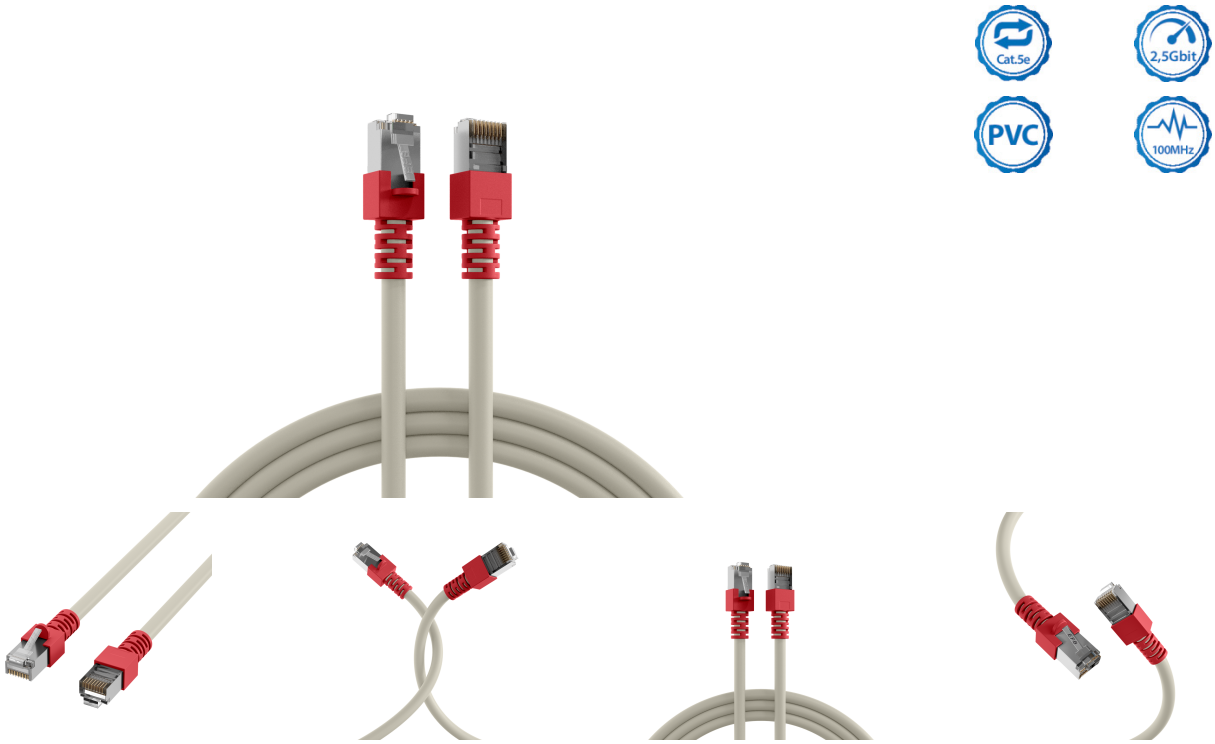
# DATASHEET

## RJ45 Patch Cord Cat.5e SF/UTP PVCred boot CCA crossed grey 3m




### General data

This Cat.5e cross cable from EFB-Elektronik supports 2.5Gbit. The SF/UTP shielding reliably protects against interference and ensures high-quality signals. Since it is a Cat.5e LAN cable, it offers a frequency range of up to 100MHz.

• Connect network devices directly without additional components – enables point-to-point connection of compatible devices (crossover), e.g. for quick commissioning, service cases or temporary routes without a switch.
• Increase interference immunity in electromagnetically charged environments – double shielding (SF/UTP) improves the EMC reserve, reduces susceptibility to radiation and stabilizes transmission in parallel cable routing.
• Cover fire protection requirements in compliance with standards – flame-retardant cable behaviour according to IEC60332-1 reduces the spread of fire in the event of a fault and supports compliance with common installation specifications.

Product Description
The SF/UTP network cable combines foil and braid shielding. It thus effectively protects against internal and external interference and ensures the highest signal quality even with dense cable routing. The temperature range of the cable is -20 – 60 °C. The wide range of possible applications is supported by the bending radius of >25 mm. The data cable has an IP20 rating. The polyvinyl chloride (PVC) jacket is a flexible standard jacket for network applications, without special fire protection properties.

**This datasheet was created automatically on 01-11-2026 . Technical changes reserved.**

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## RJ45 Patch Cord Cat.5e SF/UTP PVCred boot CCA crossed grey 3m

Technical details
- Cat.5e
- Connector: RJ45 8(8) to RJ45 8(8) with RJ45 connectors
- Shielding: SF/UTP cable with 4x2 x AWG26/7
- Cable shape: round
- Pinout: crossed according to typical crossover assignment (1-3, 2-6, 3-1, 4-7, 5-8, 6-2, 7-4, 8-5)
- Gold-plated contacts
- Sheath: Polyvinyl chloride (PVC) sheath material
- Outer diameter: 5.7 mm
- With an injected anti-kink grommet
- Fire protection: flame-retardant according to IEC60332-1
- Degree of protection: IP20
- With a punctual screen contact
- With locking lever protection
- Mating cycles: ≥750
- With length print
- Brand: EFB-Elektronik

| **Technical properties** | |
|---|---|
| AWG-size | 26/7 |
| Allocation | 1-3, 2-6, 3-1, 4-7, 5-8, 6-2, 7-4, 8-5 |
| Anti-kink sleeve | moulded-on |
| Area of Application | Industrial Ethernet |
| Bandwidth | 100MHz |
| Bending radius | >25 mm |
| Cable construction | 4x2 |
| Cable shape | rund |
| Cable type | SF/UTP |
| Cabling standard | EN50173 |
| Category | 5e |
| Colour anti-kink sleeve | red |
| Colour outer sheath | grey |
| Conductive shield | Selected shield contact |
| Conductor Material | CCA |
| Connector | IEC 60603-7-3 |
| Connector type | RJ45 standard |
| Contacts | Gold plated |
| Current capacity | max. 1 A |
| Fire retardant version | acc. IEC60332-1 |
| Halogen free | False |

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| | |
|---|---|
| Harmonised Standard | EN 50575 |
| Impedance | 100 |
| Length imprint | True |
| Locking lever | True |
| Material outer sheath | Polyvinylchlorid (PVC) |
| Mating cycles | ≥750 |
| Model | shielded |
| Oil resistant | no |
| Operating Temperature | -20 – 60 °C |
| Operating-/ tempering voltage | max. 50 V DC |
| Outer diameter of the cable | 5.7 mm |
| Ozone resistance | No |
| Pin assignment | crossed |
| Printing | SF/UTP 300 CAT.5E 26AWG×4P PATCH ISO/IEC 11801 & EN 50173 VERIFIED ***2,5 GIGABIT*** www.efb-elektronik.de |
| Resistant to chemicals | False |
| Silicone-free | True |
| Suitable for degree of protection (IP) | IP20 |
| Test voltage | 1000 (V DC, 1min) core/core und core/screen |
| Transmission | 2.5Gbit |
| Type of connector connection 1 | RJ45 8(8) |
| Type of connector connection 2 | RJ45 8(8) |
| UL approbated | False |
| UV resistant | Nein |

### Available variants

| ArtNr. | Bezeichnung | Length | POE class | Length tolerance |
|---|---|---|---|---|
| K5450.0,5 | RJ45 Patch Cord Cat.5e SF/UTP PVCred boot CCA crossed grey 0,5m | 0.5 m | No | ±5 % |
| K5450.1 | RJ45 Patch Cord Cat.5e SF/UTP PVCred boot CCA crossed grey 1m | 1.0 m | No | ±5 % |
| K5450.10 | RJ45 Patch Cord Cat.5e SF/UTP PVCred boot CCA crossed grey 10m | 10.0 m | No | ±5 % |
| K5450.2 | RJ45 Patch Cord Cat.5e SF/UTP PVCred boot CCA crossed grey 2m | 2.0 m | No | ±5 % |
| K5450.3 | RJ45 Patch Cord Cat.5e SF/UTP PVCred boot CCA crossed grey 3m | 3.0 m | No | ±5 % |
| K5450.5 | RJ45 Patch Cord Cat.5e SF/UTP PVCred boot CCA crossed grey 5m | 5.0 m | No | ±5 % |

**Note on Intended Use**

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a

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specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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