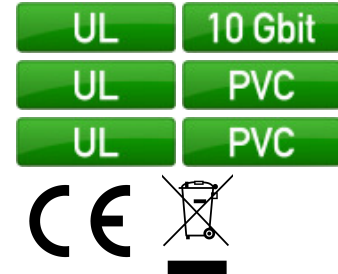
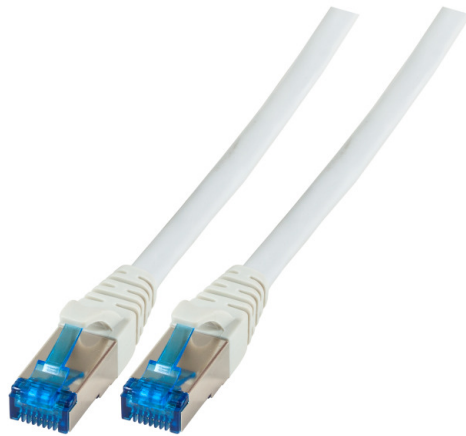


## RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, grey



### Description

The **UL approved** and shielded Cat.6A RJ45 patch cable ensures very good characteristics for **10 Gigabit** Ethernet applications. The patch cable is **100% tested**. Traceability is guaranteed by the enclosed **measurement protocol** and the **serial number** on the patch cable. The cast grommet impresses with its **slim design** and simplifies the plugging process in confined spaces.

Cross section 4 x 2 x AWG26/7

Jacket material PVC

Cast anti-kink grommet, slim design

### General data

|                                |                    |
|--------------------------------|--------------------|
| Category                       | 6A (TIA)           |
| Type of connector connection 1 | RJ45 8(8)          |
| Type of connector connection 2 | RJ45 8(8)          |
| Connector type                 | RJ45 Standard blau |
| Contacts                       | 50 µ" gold plated  |
| Pin assignment                 | 1:1                |
| Allocation                     | acc. TIA/EIA 568B  |
| Type                           | Shielded           |
| Anti-kink sleeve               | moulded            |
| Colour anti-kink sleeve        | grey               |
| Locking lever                  | yes                |
| UL approbated                  | yes                |

### Mechanical characteristics

|                   |                         |
|-------------------|-------------------------|
| Mating cycles     | ≥ 1200                  |
| Bending radius    | 31 mm                   |
| Conductive shield | Selected shield contact |

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## RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, grey

### Cable construction

|                           |        |
|---------------------------|--------|
| Cable structure           | S/FTP  |
| Cable construction        | 4x2    |
| AWG-size/strands per core | 26/7   |
| Conductor Material        | Copper |

### Cable sheath

|                             |                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------|
| Jacket material             | PVC                                                                                    |
| Colour outer sheath         | grey                                                                                   |
| Printing                    | E132276-C(UL) CM 75°C 4PR 26AWG CSA LL64151-C<br>CMG 75°C FT4 Cat.6(A) SSTP PATCH CORD |
| Outer diameter of the cable | 6.5 mm                                                                                 |

### Environmental conditions

|                                  |             |
|----------------------------------|-------------|
| Temperature Range (Operation)    | -25 – 60 °C |
| Temperature Range (Storage)      | -25 – 70 °C |
| Temperature Range (Installation) | -10 – 50 °C |

### Electrical characteristics

|                         |                                             |
|-------------------------|---------------------------------------------|
| NVP value               | - %                                         |
| Conductor resistance DC | 142 Ω/km                                    |
| Insulation resistance   | 100 MΩ                                      |
| Test voltage            | 1000 (V DC, 1min) core/core und core/screen |

### Transmission characteristics

|           |        |
|-----------|--------|
| Bandwidth | 500MHz |
|-----------|--------|

### Standards, approvals, certifications

|           |                |
|-----------|----------------|
| Connector | IEC 60603-7-51 |
|-----------|----------------|

### Available variants

| Article no. | Title                                               | Length |
|-------------|-----------------------------------------------------|--------|
| K5535GR.0,5 | RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 0.5m, grey | 0.5 m  |
| K5535GR.1   | RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 1.0m, grey | 1.0 m  |
| K5535GR.2   | RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 2.0m, grey | 2.0 m  |
| K5535GR.3   | RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 3m, grey   | 3.0 m  |
| K5535GR.5   | RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 5.0m, grey | 5.0 m  |
| K5535GR.10  | RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 10m, grey  | 10.0 m |
| K5535GR.20  | RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 20m, grey  | 20.0 m |

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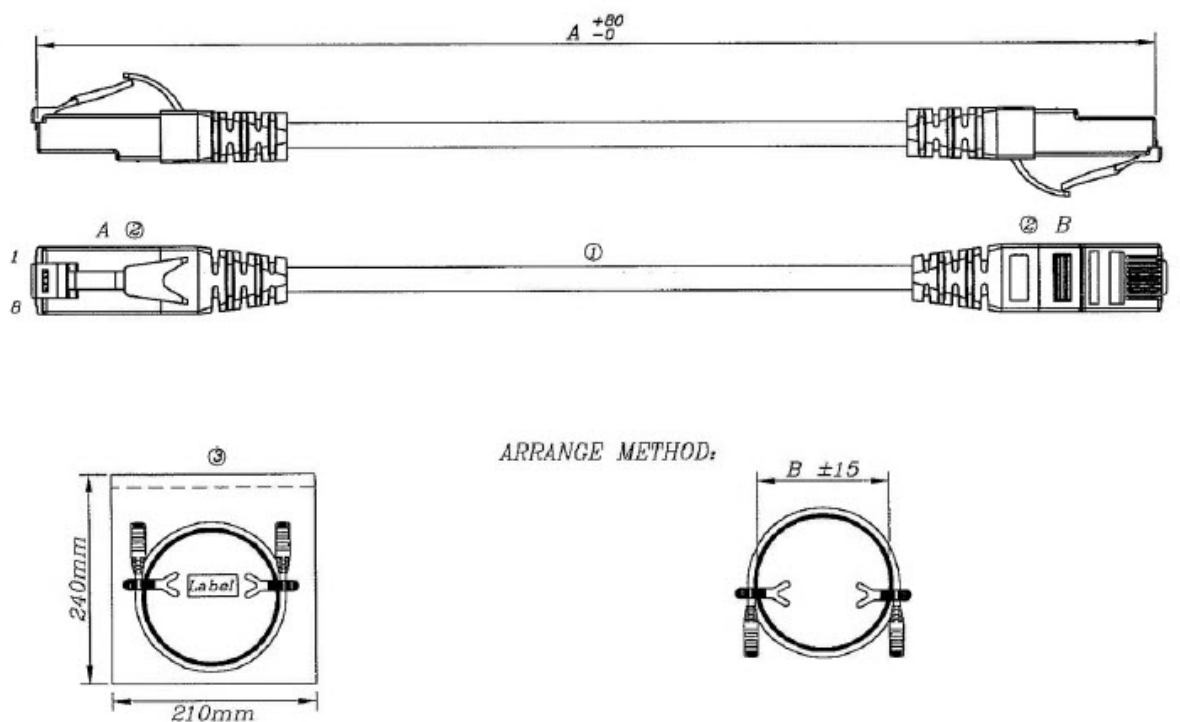
## RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, grey

K5535GR.30

RJ45 Patch cable S/FTP, Cat.6A, PVC, UL, 30m, grey

30.0 m

### Technical drawings



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