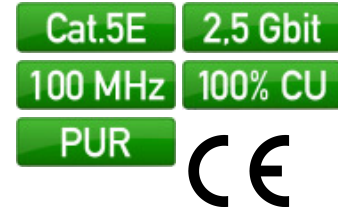


## RJ45 Patch cable SF/UTP, Cat.5e, PUR, RAL6018 green



### Description

The **double shielded** Cat.5e RJ45 patch cable provides excellent performance for 2.5 Gigabit Ethernet and **EtherCat** applications. It is also suitable for temperature ranges from **-40°C to +80°C**. The cast grommet captivates with its **slim design** and simplifies the plugging process in confined spaces.

Very flexible **PUR** jacket superflex (**RAL6018**)

Cross section 4 x 2 x AWG26/7

Cast anti-kink grommet, slim design

Temperature range **-40°C ~ +80°C**

### 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                       | 50 µ" gold plated |
| Pin assignment                 | 1:1               |
| Allocation                     | acc. TIA/EIA 568B |
| Type                           | Shielded          |
| Anti-kink sleeve               | moulded           |
| Colour anti-kink sleeve        | green             |
| Locking lever                  | yes               |

### Mechanical characteristics

|                   |                     |
|-------------------|---------------------|
| Mating cycles     | ≥ 1200              |
| Bending radius    | 31 mm               |
| Conductive shield | 360° shield contact |

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## RJ45 Patch cable SF/UTP, Cat.5e, PUR, RAL6018 green

### Cable construction

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

### Cable sheath

|                             |                                                  |
|-----------------------------|--------------------------------------------------|
| Jacket material             | PUR                                              |
| Colour outer sheath         | green                                            |
| Printing                    | SF/UTP 4x2xAWG26/7 PUR Cat.5e 94V-2 LI2Y(ST)C11Y |
| Outer diameter of the cable | 6.2 mm                                           |

### Environmental conditions

|                   |             |
|-------------------|-------------|
| Temperature range | -40 – 80 °C |
|-------------------|-------------|

### Transmission characteristics

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

### Standards, approvals, certifications

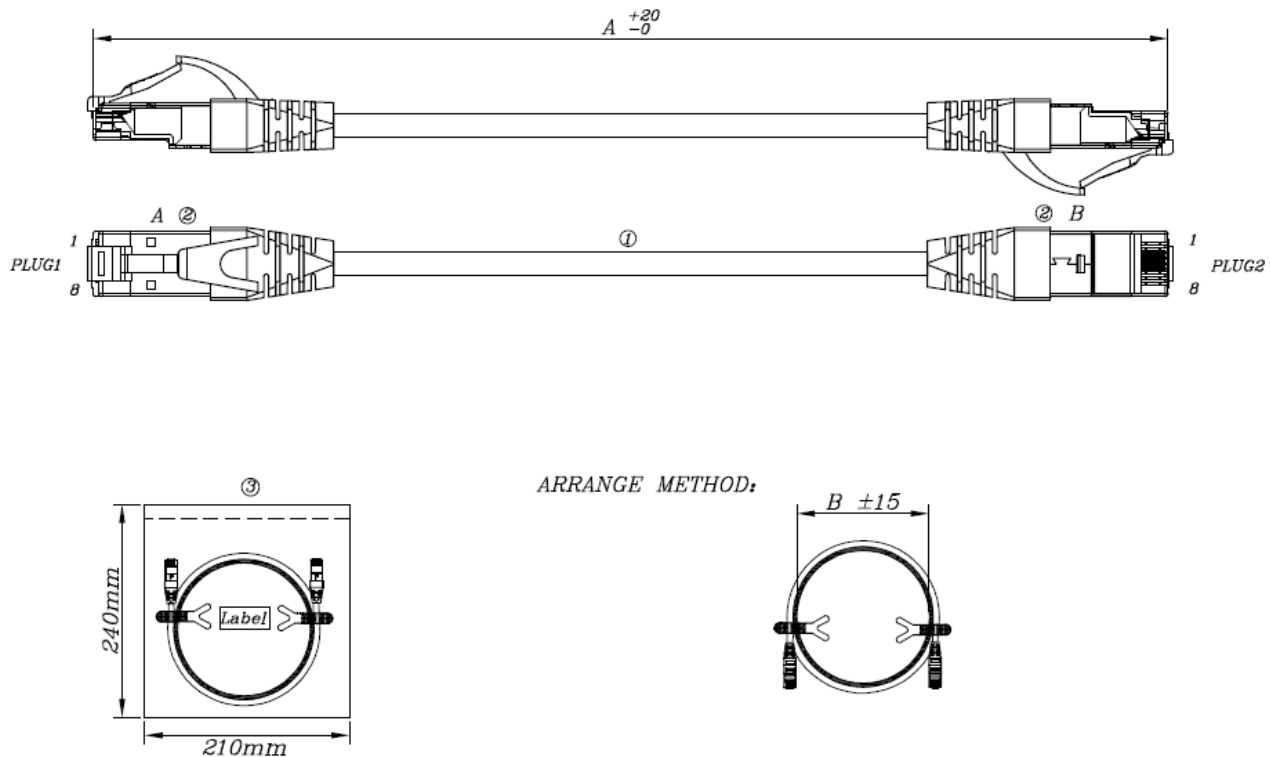
|           |               |
|-----------|---------------|
| Connector | IEC 60603-7-3 |
|-----------|---------------|

### Available variants

| Article no. | Title                                                     | Length |
|-------------|-----------------------------------------------------------|--------|
| K5530.0,5   | RJ45 Patch cable SF/UTP, Cat.5e, PUR, 0,5m, RAL6018 green | 0.5 m  |
| K5530.1     | RJ45 Patch cable SF/UTP, Cat.5e, PUR, 1m, RAL6018 green   | 1.0 m  |
| K5530.2     | RJ45 Patch cable SF/UTP, Cat.5e, PUR, 2m, RAL6018 green   | 2.0 m  |
| K5530.3     | RJ45 Patch cable SF/UTP, Cat.5e, PUR, 3m, RAL6018 green   | 3.0 m  |
| K5530.5     | RJ45 Patch cable SF/UTP, Cat.5e, PUR, 5m, RAL6018 green   | 5.0 m  |
| K5530.7,5   | RJ45 Patch cable SF/UTP, Cat.5e, PUR, 7,5m, RAL6018 green | 7.5 m  |
| K5530.10    | RJ45 Patch cable SF/UTP, Cat.5e, PUR, 10m, RAL6018 green  | 10.0 m |
| K5530.15    | RJ45 Patch cable SF/UTP, Cat.5e, PUR, 15m, RAL6018 green  | 15.0 m |
| K5530.20    | RJ45 Patch cable SF/UTP, Cat.5e, PUR, 20m, RAL6018 green  | 20.0 m |
| K5530.25    | RJ45 Patch cable SF/UTP, Cat.5e, PUR, 25m, RAL6018 green  | 25.0 m |

## RJ45 Patch cable SF/UTP, Cat.5e, PUR, RAL6018 green

### Technical drawings



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