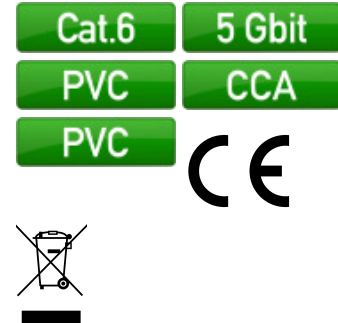


## RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, black



### Description

The unshielded Cat.6 RJ45 patch cable with ensures excellent performance for 5 Gigabit Ethernet applications. The moulded grommet captivates with its **slim design** and thus simplifies the insertion process in cramped conditions.

Cross section 4 x 2 x **AWG24/7**

Moulded grommet, slim design

**Length imprint on the boot**

### General data

|                                |                   |
|--------------------------------|-------------------|
| Category                       | 6                 |
| Type of connector connection 1 | RJ45 8(8)         |
| Type of connector connection 2 | RJ45 8(8)         |
| Connector type                 | RJ45 Standard     |
| Contacts                       | 3 µ" gold plated  |
| Pin assignment                 | 1:1               |
| Allocation                     | acc. TIA/EIA 568B |
| Type                           | Unshielded        |
| Length imprint                 | yes               |
| Anti-kink sleeve               | moulded           |
| Colour anti-kink sleeve        | black             |
| Locking lever                  | No                |

### Mechanical characteristics

|                |       |
|----------------|-------|
| Bending radius | 30 mm |
|----------------|-------|

### Cable construction

|                 |       |
|-----------------|-------|
| Cable structure | U/UTP |
|-----------------|-------|

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## RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, black

### Cable construction

|                           |      |
|---------------------------|------|
| Cable construction        | 4x2  |
| AWG-size/strands per core | 24/7 |
| Conductor Material        | CCA  |

### Cable sheath

|                             |                                         |
|-----------------------------|-----------------------------------------|
| Silicone-free               | yes                                     |
| Jacket material             | PVC                                     |
| Colour outer sheath         | black                                   |
| Printing                    | Cat.6 UTP AWG24 stranded x 4pairs cable |
| Outer diameter of the cable | 5.9 mm                                  |

### Environmental conditions

|                   |             |
|-------------------|-------------|
| Temperature range | -20 – 70 °C |
|-------------------|-------------|

### Electrical characteristics

|           |     |
|-----------|-----|
| NVP value | - % |
|-----------|-----|

### Transmission characteristics

|           |        |
|-----------|--------|
| Bandwidth | 250MHz |
|-----------|--------|

### Standards, approvals, certifications

|           |               |
|-----------|---------------|
| Connector | IEC 60603-7-4 |
|-----------|---------------|

### Available variants

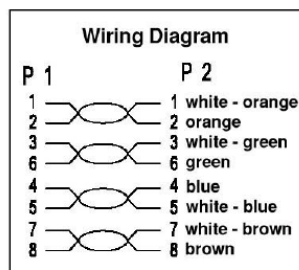
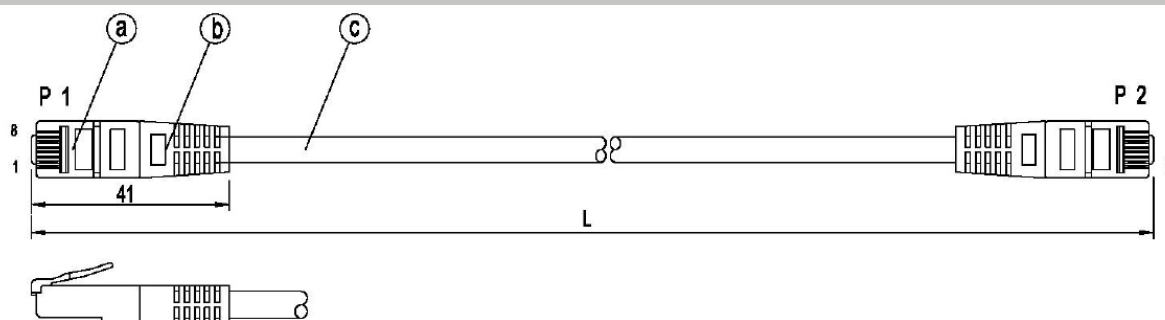
| Article no.  | Title                                                 | Length |
|--------------|-------------------------------------------------------|--------|
| K8100SW.0,25 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 0.25m, black | 0.25 m |
| Article no.  | Title                                                 | Length |
| K8100SW.0,5  | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 0.5m, black  | 0.5 m  |
| Article no.  | Title                                                 | Length |
| K8100SW.1    | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 1m, black    | 1.0 m  |
| Article no.  | Title                                                 | Length |
| K8100SW.1,5  | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 1.5m, black  | 1.5 m  |
| Article no.  | Title                                                 | Length |
| K8100SW.2    | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 2m, black    | 2.0 m  |
| Article no.  | Title                                                 | Length |
| K8100SW.3    | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 3m, black    | 3.0 m  |
| Article no.  | Title                                                 | Length |
| K8100SW.5    | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 5m, black    | 5.0 m  |

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## RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, black

| Article no. | Title                                                | Length |
|-------------|------------------------------------------------------|--------|
| K8100SW.7,5 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 7.5m, black | 7.5 m  |
| Article no. | Title                                                | Length |
| K8100SW.10  | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 10m, black  | 10.0 m |
| Article no. | Title                                                | Length |
| K8100SW.15  | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 15m, black  | 15.0 m |
| Article no. | Title                                                | Length |
| K8100SW.20  | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 20m, black  | 20.0 m |
| Article no. | Title                                                | Length |
| K8100SW.30  | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 30m, black  | 30.0 m |

### Technical drawings



| Item No.  | Color          | Length (L)    |
|-----------|----------------|---------------|
| K8100GR.x | grey           | 0,5m +/- 5mm  |
| K8100MA.x | magenta (pink) | 1m +/- 10mm   |
| K8100WS.x | white          | 1,5m +/- 15mm |
| K8100GN.x | green          | 2m +/- 20mm   |
| K8100BL.x | blue           | 3m +/- 30mm   |
| K8100GE.x | yellow         | 5m +/- 50mm   |
| K8100RT.x | red            | 7,5m +/- 75mm |
| K8100SW.x | black          | 10m +/- 100mm |
| K8100OR.x | orange         | 15m +/- 150mm |
|           |                | 20m +/- 200mm |
|           |                | 25m +/- 250mm |
|           |                | 30m +/- 300mm |

### similar product

|           |                                                  |
|-----------|--------------------------------------------------|
| K8100WS.1 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, white   |
| K8100RT.1 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, red     |
| K8100OR.1 | RJ45 Patchkabel U/UTP, Cat.6, PVC, CCA, orange   |
| K8100MA.1 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, magenta |
| K8100GN.1 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, green   |
| K8100GE.1 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, yellow  |

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# DATASHEET

## RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, black

### similar product

|           |                                               |
|-----------|-----------------------------------------------|
| K8100BL.1 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, blue |
| K8100GR.1 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, grey |

