# DATASHEET

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



Cat.6 | 5 Gbit
PVC | CCA
PVC

### 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 | red |
| Locking lever | No |

| Mechanical characteristics | |
|---|---|
| Bending radius | 30 mm |

#### Cable construction

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

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| 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 | red |
| 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 |
|---|---|---|
| K8100RT.0,25 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 0.25m, red | 0.25 m |
| K8100RT.0,5 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 0.5m, red | 0.5 m |
| K8100RT.1 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 1m, red | 1.0 m |
| K8100RT.1,5 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 1.5m, red | 1.5 m |
| K8100RT.2 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 2m, red | 2.0 m |
| K8100RT.3 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 3m, red | 3.0 m |
| K8100RT.5 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 5m, red | 5.0 m |

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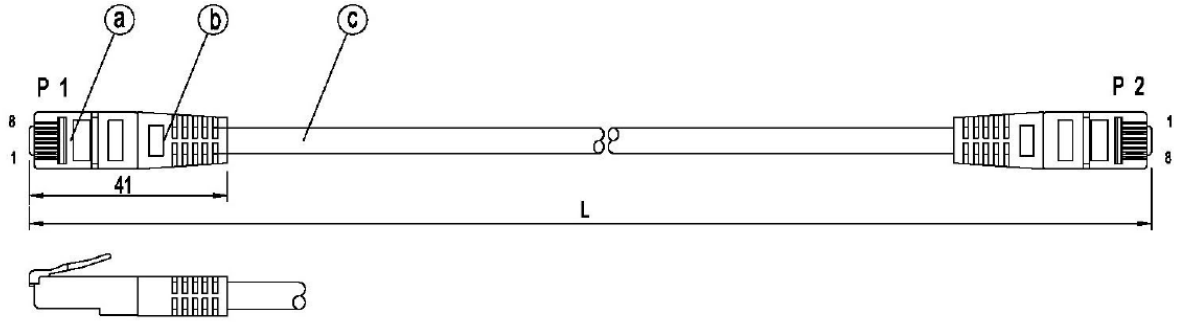
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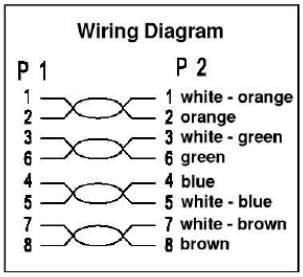
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| Article no. | Title | Length |
|---|---|---|
| K8100RT.7,5 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 7.5m, red | 7.5 m |
| **Article no.** | **Title** | **Length** |
| K8100RT.10 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 10m, red | 10.0 m |
| **Article no.** | **Title** | **Length** |
| K8100RT.15 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 15m, red | 15.0 m |
| **Article no.** | **Title** | **Length** |
| K8100RT.20 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 20m, red | 20.0 m |
| **Article no.** | **Title** | **Length** |
| K8100RT.30 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, 30m, red | 30.0 m |

### Technical drawings




| Item No. | Color |
|---|---|
| K8100GR.x | grey |
| K8100MA.x | magenta (pink) |
| K8100WS.x | white |
| K8100GN.x | green |
| K8100BL.x | blue |
| K8100GE.x | yellow |
| K8100RT.x | red |
| K8100SW.x | black |
| K8100OR.x | orange |

| Length (L) |
|---|
| 0,5m +/- 5mm |
| 1m +/- 10mm |
| 1,5m +/- 15mm |
| 2m +/- 20mm |
| 3m +/- 30mm |
| 5m +/- 50mm |
| 7,5m +/- 75mm |
| 10m +/- 100mm |
| 15m +/- 150mm |
| 20m +/- 200mm |
| 25m +/- 250mm |
| 30m +/- 300mm |

### similar product

| | |
|---|---|
| K8100WS.1 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, white |
| K8100SW.1 | RJ45 Patch cable U/UTP, Cat.6, PVC, CCA, black |
| 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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| 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 |

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