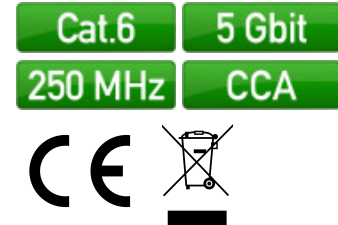


# DATASHEET

## RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, grey



### 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

### 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        |
| Anti-kink sleeve               | moulded           |
| Colour anti-kink sleeve        | grey              |
| Locking lever                  | yes               |

### Mechanical characteristics

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

### Kabelaufbau

|                           |       |
|---------------------------|-------|
| Cable structure           | U/UTP |
| Cable construction        | 4x2   |
| AWG-size/strands per core | 24/7  |

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### Kabelaufbau

|                    |     |
|--------------------|-----|
| Conductor Material | CCA |
|--------------------|-----|

### Kabelmantel

|                             |                                                  |
|-----------------------------|--------------------------------------------------|
| Silicone-free               | yes                                              |
| Jacket material             | LSZH                                             |
| Colour outer sheath         | grey                                             |
| Printing                    | Cat.6 U/UTP AWG24/7 stranded x 4pairs LSZH cable |
| Outer diameter of the cable | 5.9 mm                                           |
| Flame-retardant             | yes                                              |
| Halogen-free                | yes                                              |
| Low smoke                   | yes                                              |

### Electrical characteristics

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

### Transmission characteristics

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

### Standards, approvals, certifications

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

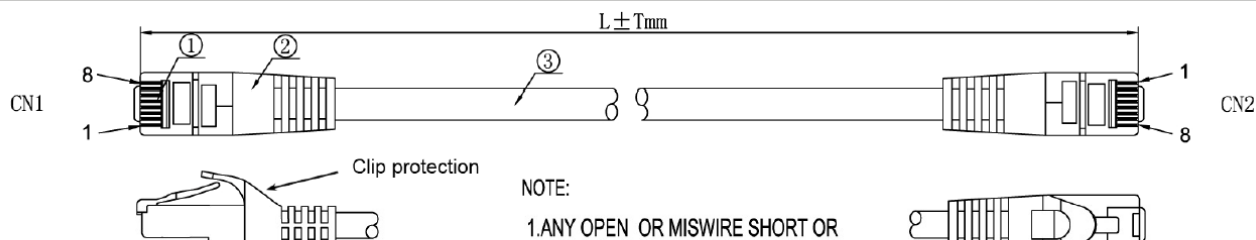
### Available variants

| Article no.  | Title                                                 | Length |
|--------------|-------------------------------------------------------|--------|
| K8104GR.0,25 | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 0,25m, grey | 0.25 m |
| K8104GR.0,5  | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 0,5m, grey  | 0.5 m  |
| K8104GR.1    | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 1m, grey    | 1.0 m  |
| K8104GR.1,5  | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 1,5m, grey  | 1.5 m  |
| K8104GR.2    | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 2m, grey    | 2.0 m  |
| K8104GR.3    | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 3m, grey    | 3.0 m  |
| K8104GR.4    | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 4m, grey    | 4.0 m  |
| K8104GR.5    | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 5m, grey    | 5.0 m  |
| K8104GR.7,5  | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 7,5m, grey  | 7.5 m  |
| K8104GR.10   | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 10m, grey   | 10.0 m |
| K8104GR.15   | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 15m, grey   | 15.0 m |
| K8104GR.20   | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 20m, grey   | 20.0 m |
| K8104GR.30   | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 30m, grey   | 30.0 m |
| K8104GR.50   | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, 50m, grey   | 50.0 m |

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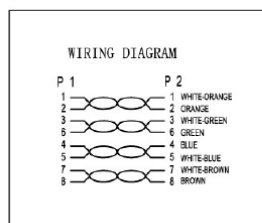
### Technical drawings



#### NOTE:

1. ANY OPEN OR MISWIRE SHORT OR INTERMITTENCE IS NOT PERMITTED
2. KEEP CLEAN
3. RoHS COMPLIANT
4. PRINTING: CAT.6 U/UTP AWG24/7 stranded x 4 pairs LSZH Cable

#### NOTE 1:



| ITEM NO.     | LENGTH      |
|--------------|-------------|
| K8104BL.0.5M | 500±5mm     |
| K8104BL.1M   | 1000±10mm   |
| K8104BL.2M   | 2000±20mm   |
| K8104BL.3M   | 3000±30mm   |
| K8104BL.5M   | 5000±50mm   |
| K8104BL.7.5M | 7500±75mm   |
| K8104BL.10M  | 10000±100mm |



### similar product

|           |                                                  |
|-----------|--------------------------------------------------|
| K8104WS.1 | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, white  |
| K8104SW.1 | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, black  |
| K8104RT.1 | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, red    |
| K8104GN.1 | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, green  |
| K8104GE.1 | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, yellow |
| K8104BL.1 | RJ45 Patch cable U/UTP, Cat.6, LSZH, CCA, blue   |