

# ROLINE UTP Patch Cord, Cat.6 (Class E), PoE, red, 1.5 m

|                           |               |
|---------------------------|---------------|
| <b>Product No.</b>        | 21.51.0924    |
| <b>Manufacturer</b>       | ROLINE        |
| <b>Manufacturer No.</b>   | 21.51.0924    |
| <b>EAN (single piece)</b> | 7630049639409 |



**Cat. 6 (Class E) U/UTP ROLINE PoE (Power over Ethernet) capable Patch Cord for networking connections between devices. Prepared unshielded Twisted Pair cable with RJ-45 connectors on both ends. Durable due to moulded kink protection. Flexible cable, suitable for narrow bending. High quality plugs with gold plated contacts. Contact settings 1:1, in accordance with the EIA/TIA 568 standard. Construction: 4-pair stranded copper wire.**

- Patch cable for networking connections between devices
- Suitable for PoE (Power over Ethernet)
- Bare copper wires with 24 AWG
- Prepared unshielded Twisted Pair cable with RJ-45 connectors on both ends
- Durable due to moulded kink protection
- Flexible cable, suitable for narrow bending
- High quality plugs with gold plated contacts
- Contact settings 1:1, in accordance with the EIA/TIA 568 standard
- Construction: 4-pair stranded copper wire

For a structured cabling system we recommend to use the following components: ROLINE Cat.6 UTP Cable, Solid Wire, AWG23: 21.15.0990 (100 m), 21.15.0991 (300 m); ROLINE Cat.6 19" Patch Panel, 24 Ports, unshielded: 26.11.0355 (light grey), 26.11.0362 (black); ROLINE Cat.6 UTP Patch Cord, grey, 5 m: 21.51.0935. Our in-house laboratory has tested this cable-

plug combination, in a Channel of 100 meters, in compliance with Class E specifications.

### Technical specifications

|                                  |                    |
|----------------------------------|--------------------|
| Manufacturer                     | ROLINE             |
| Product group                    | Twisted Pair Cable |
| Product type                     | U/UTP patch cord   |
| Colour                           | red                |
| Length                           | 1.5 m              |
| Scope of delivery                | Patch Cord         |
| Shield type                      | U/UTP              |
| Transfer quality                 | Cat6 / Class E     |
| Impedance                        | 100 Ohm            |
| Quantity of wires                | 8                  |
| Conductor cross section (AWG)    | AWG 24             |
| Power over Ethernet (PoE)        | yes                |
| Inner conductor material         | BC (Bare Copper)   |
| Conductor type                   | Stranded           |
| Crossed                          | no                 |
| Bend radius                      | 34.8 mm            |
| Locking lever                    | no                 |
| Anti-kink sleeve                 | Moulded-on         |
| Colour (Spout)                   | red                |
| External cable diameter          | 5.8 mm             |
| Cable LSOH                       | no                 |
| Material (external cable mantle) | PVC                |
| Side 1 Connector Type            | RJ-45              |
| Side 1 Connector Gender          | Male               |

|                       |       |
|-----------------------|-------|
| Side 2 Connector Type | RJ-45 |
|-----------------------|-------|

|                         |      |
|-------------------------|------|
| Side 2 Connector Gender | Male |
|-------------------------|------|

|                     |          |
|---------------------|----------|
| Connector Type RJ45 | Standard |
|---------------------|----------|

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -10 °C |
|----------------------------|--------|

|                            |       |
|----------------------------|-------|
| Operating temperature max. | 60 °C |
|----------------------------|-------|

|                          |        |
|--------------------------|--------|
| Storage temperature min. | -20 °C |
|--------------------------|--------|

|                          |       |
|--------------------------|-------|
| Storage temperature max. | 75 °C |
|--------------------------|-------|

|        |      |
|--------|------|
| Weight | 57 g |
|--------|------|

|                                    |       |
|------------------------------------|-------|
| Height of packaging (single piece) | 20 mm |
|------------------------------------|-------|

|                                   |        |
|-----------------------------------|--------|
| Width of packaging (single piece) | 100 mm |
|-----------------------------------|--------|

|                                   |        |
|-----------------------------------|--------|
| Depth of packaging (single piece) | 100 mm |
|-----------------------------------|--------|

|                               |         |
|-------------------------------|---------|
| Package weight (single piece) | 0.06 kg |
|-------------------------------|---------|