# Slim RJ45 Patch Cord CAT6 UTP 1 m

Structured Cabling / Network Patch Cords

KONGIA Cat6 Slim Patch Cord, 1 m, UTP, 28 AWG and RJ45 8P8C connectors. Made with virgin raw materials and 99.99% oxygen-free copper (OFC), with performance up to 250 MHz.

**KG-PC6-U-SL-1M**

**Product Type**
Cat6 Slim RJ45 Patch Cord

**Network Category**
Cat6

**Cable Design**
Slim

## Key features

- 99.99% oxygen-free copper (OFC) stranded conductor; does not use CCA
- Jacket, insulation and boot made from virgin raw materials, without recycled plastic
- Cat6 UTP for professional Ethernet networks
- 28 AWG conductor with RJ45 male 8P8C termination at both ends
- Nominal performance up to 250 MHz
- Reduced diameter and high flexibility: reduces cable congestion and simplifies identification and maintenance
- Seven colors available to identify services, VLANs, equipment or areas
- Nominal length of 1 m for a clean, controlled installation

## Technical specifications

| Parameter | Specification |
|---|---|
| **Product Type** | Cat6 Slim RJ45 Patch Cord |
| **Network Category** | Cat6 |
| **Cable Design** | Slim |
| **Shielding** | UTP |

## Technical specifications

| Parameter | Specification |
|---|---|
| **Conductor Material** | 99.99% oxygen-free copper (OFC); no CCA |
| **Conductor Gauge** | Flexible stranded 28 AWG |
| **Insulation and Jacket Materials** | Virgin raw materials, without recycled plastic |
| **Number of Pairs** | 4 twisted pairs / 8 conductors |
| **Nominal Impedance** | 100 Ω |
| **Connectors** | RJ45 male 8P8C to RJ45 male 8P8C |
| **Pin Assignment** | T568B, straight-through connection |
| **Length** | 1 m |
| **Transmission Speed** | Up to 1 Gbps (1000BASE-T); backward-compatible with lower-speed Ethernet |
| **Nominal Frequency** | Up to 250 MHz |
| **Design and Reference Standards** | ANSI/TIA-568.2-D Cat6; ISO/IEC 11801 Class E; IEEE 802.3ab / 802.3u |
| **PoE Compatibility** | Compatible when the channel, gauge, length, temperature and bundling meet the applicable edition of IEEE 802.3 |
| **Available Colors** | White, blue, black, gray, red, yellow and green |
| **Compatibility** | switches, Cat6 patch panels, NVRs, servers and RJ45 equipment |
| **Recommended Use** | Indoors; final performance depends on the complete channel and installation compliant with the category |
| **Certifications and Compliance** | RoHS · REACH SVHC · CE DoC · CNAS · ISO 9001 |
| **Warranty** | 5 years |

## Applications

**Racks and Communications Cabinets**
Connection between patch panels, switches and RJ45 equipment with a length of 1 m that helps reduce excess cable and keep the rack front organized.

**Enterprise LANs**
Use in dense racks, wall cabinets and patch panels, respecting channel category and good routing and bend-radius practices.

**Structured Cabling and IP CCTV**
Interconnection of routers, NVRs, IP cameras, access points, workstations and other Ethernet devices.

**Professional Distribution and Installation**
Seven color options facilitate circuit standardization, port documentation and inventory preparation for installers, integrators and distributors.

## Warranty

KONGIA 5-year warranty.

## Declared compliance

RoHS · ISO 9001 · REACH · CE Compliant · CNAS