

# RJ45 Patch Cord CAT5e UTP 7 m

Structured Cabling / Network Patch Cords

KONGIA Cat5e UTP Patch Cord, 7 m, UTP, 26 AWG and RJ45 8P8C connectors. Made with virgin raw materials and 99.99% oxygen-free copper (OFC), with performance up to 100 MHz.



## KG-PC5-U-7M

### Product Type

Cat5e UTP RJ45 Patch Cord

### Network Category

Cat5e

### Cable Design

Standard

## 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
- Cat5e UTP for professional Ethernet networks
- 26 AWG conductor with RJ45 male 8P8C termination at both ends
- Nominal performance up to 100 MHz
- Flexible construction for Ethernet connections: provides a practical solution for frequently used RJ45 connections
- Seven colors available to identify services, VLANs, equipment or areas
- Nominal length of 7 m for a clean, controlled installation

## Technical specifications

| Parameter        | Specification             |
|------------------|---------------------------|
| Product Type     | Cat5e UTP RJ45 Patch Cord |
| Network Category | Cat5e                     |
| Cable Design     | Standard                  |
| Shielding        | UTP                       |

## Technical specifications

| Parameter                              | Specification                                                                                                  |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Conductor Material</b>              | 99.99% oxygen-free copper (OFC); no CCA                                                                        |
| <b>Conductor Gauge</b>                 | Flexible stranded 26 AWG                                                                                       |
| <b>Insulation and Jacket Materials</b> | Virgin raw materials, without recycled plastic                                                                 |
| <b>Number of Pairs</b>                 | 4 twisted pairs / 8 conductors                                                                                 |
| <b>Nominal Impedance</b>               | 100 $\Omega$                                                                                                   |
| <b>Connectors</b>                      | RJ45 male 8P8C to RJ45 male 8P8C                                                                               |
| <b>Pin Assignment</b>                  | T568B, straight-through connection                                                                             |
| <b>Length</b>                          | 7 m                                                                                                            |
| <b>Transmission Speed</b>              | Up to 1 Gbps (1000BASE-T); backward-compatible with lower-speed Ethernet                                       |
| <b>Nominal Frequency</b>               | Up to 100 MHz                                                                                                  |
| <b>Design and Reference Standards</b>  | ANSI/TIA-568.2-D Cat5e; ISO/IEC 11801 Class D; IEEE 802.3ab / 802.3u                                           |
| <b>PoE Compatibility</b>               | Compatible when the channel, gauge, length, temperature and bundling meet the applicable edition of IEEE 802.3 |
| <b>Available Colors</b>                | White, blue, black, gray, red, yellow and green                                                                |
| <b>Compatibility</b>                   | switches, routers, Cat5e patch panels, IP cameras, NVRs, PCs and servers                                       |
| <b>Recommended Use</b>                 | Indoors; final performance depends on the complete channel and installation compliant with the category        |
| <b>Certifications and Compliance</b>   | RoHS · REACH SVHC · CE DoC · CNAS · ISO 9001                                                                   |
| <b>Warranty</b>                        | 5 years                                                                                                        |

## Applications

### Racks and Communications Cabinets

Connection between patch panels, switches and RJ45 equipment with a length of 7 m that helps reduce excess cable and keep the rack front organized.

### Enterprise LANs

Use in LANs, offices, IP CCTV and communications cabinets, 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