RJ45 Patch Cord CAT6 STP Shielded 2 m

Structured Cabling / Network Patch Cords

KONGIA Cat6 STP Shielded Patch Cord, 2 m, shielded STP, 26 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-S-2M

Product Type
Cat6 STP Shielded RJ45 Patch Cord

Network Category
Cat6

Cable Design
Standard shielded

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
- Shielded Cat6 STP for professional Ethernet networks
- 26 AWG conductor with RJ45 male 8P8C termination at both ends
- Nominal performance up to 250 MHz
- STP shielding and RJ45 connectors with metal housings: improves interference immunity when part of a compatible shielded channel
- Seven colors available to identify services, VLANs, equipment or areas
- Nominal length of 2 m for a clean, controlled installation

Technical specifications

Parameter	Specification
Product Type	Cat6 STP Shielded RJ45 Patch Cord
Network Category	Cat6
Cable Design	Standard shielded

Technical specifications

Parameter	Specification
Shielding	Shielded STP
Conductor Material	99.99% oxygen-free copper (OFC); no CCA
Conductor Gauge	Flexible stranded 26 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	2 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	shielded patch panels, managed switches, NVRs, racks and servers
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 2 m that helps reduce excess cable and keep the rack front organized.

Enterprise LANs
Use in technical rooms and areas with electrical noise, respecting channel category and good routing and bend-radius practices.

Environments with Electrical Interference
Integration with patch panels and shielded equipment to improve shield continuity and EMI/RFI control.

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