Slim RJ45 Patch Cord CAT6A 10GbE UTP 0.5 m (50 cm)

Structured Cabling / Network Patch Cords

KONGIA Cat6A Slim Patch Cord, 0.5 m, UTP, 28 AWG and RJ45 8P8C connectors. Made with virgin raw materials and 99.99% oxygen-free copper (OFC), with performance up to 500 MHz and 10GBASE-T.

KG-PC6A-U-SL-0.5M

Product Type
Cat6A Slim RJ45 Patch Cord

Network Category
Cat6A

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
- Cat6A UTP for 10GBASE-T and Ethernet networks
- 28 AWG conductor with RJ45 male 8P8C termination at both ends
- Nominal performance up to 500 MHz
- Highly flexible slim profile: reduces duct occupancy and promotes organization and airflow
- Seven colors available to identify services, VLANs, equipment or areas
- Nominal length of 0.5 m for a clean, controlled installation

Technical specifications

Parameter	Specification
Product Type	Cat6A Slim RJ45 Patch Cord
Network Category	Cat6A
Cable Design	Slim

Technical specifications

Parameter	Specification
Shielding	UTP
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	0.5 m
Transmission Speed	Up to 10 Gbps (10GBASE-T); backward-compatible with lower-speed Ethernet
Nominal Frequency	Up to 500 MHz
Design and Reference Standards	ANSI/TIA-568.2-D Cat6A; ISO/IEC 11801 Class EA; IEEE 802.3an / 802.3ab
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	10G switches, Cat6A patch panels, servers, SAN/NAS and racks
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 0.5 m that helps reduce excess cable and keep the rack front organized.

Data Centers and 10GbE Networks
Use in high-density racks and 10GBASE-T links, 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