

CAT 6 UTP PATCH CORD



Introduction:

Category 6 patch cables and cross-over cables, are factory manufactured using premium quality stranded conductor UTP cable and low crosstalk modular plugs, are fully tested to ensure consistent high performance. The patch cords are suitable cabling wired in T568A or T568B configurations. Cross-over cables are suitable for direct hub to hub or PC to PC connections. The Category 6 patch cables have been designed for highspeed voice & data applications and can be used together with Category 6 cable and accessories to construct a channel with Category 6 performance. Category 6 channel performance when used together with Category 6 cable, patch panel and jacks.

Key Features:

- Available in different standard lengths as customer request.
- Patch cables available in a choice of cable colours with matching boots
- 8-position unscreened modular plug (RJ45)
- Suitable for Category 6 channels
- Channel Compliant

Technical Specifications:

PERFORMANCE SPECIFICATIONS:

ISO/IEC11801: 2002

ANSI/TIA/EIA-568-B.2

APPROVALS:

Category 6 channel performance when used together with Category 6 cable, patch panel and jack.

MECHANICAL SPECIFICATIONS

Plug insertion durability: ≥ 750 mating cycles



Cable to plug tensile strength: ≥ 89 N

Electrical Characteristics:

Plug insulation resistance: ≥ 500 MW

Plug contact resistance: ≤ 10 mW

Plug DC resistance: ≤ 0.1 W

Plug current rating: ≥ 1.5 A

Plug dielectric withstanding voltage: ≥ 1 KV RMS

PHYSICAL SPECIFICATIONS

Cable diameter: 5.4 mm \pm 0.2mm

Cable conductor: 24 AWG stranded bare copper wire

Cable sheath: CM grade PVC

Plug/ boot material: Plug flame retardant plastic, boot PVC

Operating temperature range: -10°C to 60°C

Applications :

- Voice
- ISDN: Basic & Primary Access
- Token Ring: 4/16/100 Mbps
- ATM: 25/52/155 Mbps
- Ethernet: 10BASE-T; Fast Ethernet: 100BASE-TX/T2/T4; Gigabit Ethernet: 1000BASE-T
- Broadband video

Ordering Information:

LZ-CPC06U01-LANZONE Cat 6 UTP 4 Pair Patch cord -1 meter

LZ-CPC06U02-LANZONE Cat 6 UTP 4 Pair Patch cord -2 meters

LZ-CPC06U03-LANZONE Cat 6 UTP 4 Pair Patch cord -3 meters

LZ-CPC06Uxx-LANZONE Cat 6 UTP 4 Pair Patch cord -xx meters

Cat 6 Patch cord Rev: 1 Ver: 1 Dt: 7.8.14

