



OPTERNET CAT 6 UTP PATCH CORD



OPTERNET CAT 6 UTP PATCH CORD 24AWG STRANDED CONDUCTOR BC LSZH 0.5

The OLC6PC0.5MUTPGREY-LSZH is a high-performance Cat 6 UTP (Unshielded Twisted Pair) patch cord, designed to meet the demands of modern networking and data transmission. This patch cord features 24 AWG stranded copper conductors with a LSZH (Low Smoke Zero Halogen) jacket, making it ideal for use in environments where fire safety and minimal smoke emission are a priority. The grey-colored cord is 0.5 meters in length and offers high-speed data transmission at 250 MHz.

APPLICATIONS

- 10BASE-T, 100BASE-TX Fast Ethernet,
- 1000BASE-T (IEEE802.3)
- 100VG-AnyLAN (IEEE802.12)
- 550 MHz Broadband Video
- Voice, T1, ISDN
- 155/ 622 Mbps ATM
- Power over Ethernet (POE)

GENERAL SPECIFICATION

- 4 Pairs shielded Twisted Pair (UTP) Cable
- Gold Plated: 30U"
- Length : 0.12/0.15/0.50/1/2/3/5/8/10/15/20/25/30/40/50/70/100/ meter r custom Length
- Contact blade: Phosphor Bronze
- Insulation Material: HD-PE-PVC-LSZH
- Jacket Material: PVC UL94V-0

PHYSICAL AND MECHANICAL PROPERTIES

- Conductor Resistance: $\leq 5\Omega$ – $\leq 20\Omega$
- Insulaon Resistance: $\geq 10M\Omega$
- Characterisc Impedance: 100 — 6 Ohm @ 1-250MHz -1-500 MHZ
- Contact Resistance: 20 m Ohm max
- Resistance unbalance: 2% max
- Dielectric strength: 1000 volts/1 minute min rms
- Cable to Plug Tensile Strength: 9 Kgf (90N) min
- Durability: 750
- Temperature Operang Range: -25°C to 70°C
- Country Of Origin: Made in UAE