

CAT.6 Cable

UTP F/UTP S/FTP Type cable

- In accordance with standards of ANSI/TIA-568-C.2, ISO/IEC 11801, EN50173; with certificates of UL, ETL, 3P.
- With third party certificate of 6-connector channel test.
- Over 6 color identifications to distinguish horizontal cabling, vertical cabling, wireless cabling and server cabling.
- Flame retardant: PVC, LSZH, CMP(FEP).
- Cross slot in the middle of 4 twisted pairs to mitigate alien crosstalk.
- Conductor: 4PR 23/24AWG solid bare copper, HDPE/FEP insulation.
- Transmission speed supports networking standards of 1.2/2.4Gbps ATM, Gigabit Ethernet, POE+.

Certificate

- UL CSA ETL 3P

Industry Standard

- UL/CSA LISTED CM, CMR, CMP, LSOH
- ANSI/TIA568-C2 CAT .6
- ISO/IEC 11801 2nd Class E
- NEMA WC 63.1
- PrEN 50288-3-1
- ASTM6 D4566
- 3P EN50173

Flame Retardant

- UL CM CMR CMP
- IEC-60332-1/IEC-60332-3
- IEC-60754 /IEC-61034

Product Description

- CONDUCTOR: 24/23 AWG SOLID
- INSULATION: HDPE, FRPE, FEP
- SHIELD: Foil screen/braid screen
- RIPCORDER: UNDER JACKET
- JACKET: FRPVC LSOH

Applications

- 10/100/1000 Base Ethernet
- ATM 155/622MHz 1.2GHz
- TP-PMD ADSL ISDN
- FDDI/CDDI

Specifications

- ACR @ 500MHz > 0dB
- Impedance : 100 +/- 15 ohms
- Mutual Capacitance, MAX. nf/1000ft 17.1
- DC Resistance, MAX. Ohms/1000ft 28.6
- DC Resistance, unbalance of a pair: 5% MAX
- Capacitance unbalance(pair to ground): 330pF/100m MAX.
- Propagation delay skew: 30nS/100M

