



The Brightest Choice of Networking & Communication

CABLE UTP/RJ45 CAT-6

Application:

Gigabit Ethernet, 155Mb/s ATM,
100Mb/s TP-PMD/CDDI Fast Ethernet.

STANDARDS

- ANSI/TIA/EIA 568A Category 5, 5e
- Draft Category 6
- CENELEC EN50173
- ISO/IEC 11801
- NEMA WC63.1

FEATURES

- Increased usable bandwidth up to 250MHZ
- Power Sum Crosstalk compliant. Established ELFEXT and PS-ELFEXT requirements.
- Extreme balance characteristics (LCL, LCTL)
- Capable for full duplex operation and/or simultaneous bi-directional transmission.
- Additional balance requirements improve overall cable performance and reduce cable emissions which results in reduce transmission errors.
- Next generation voice/data applications.

Electrical Performance : (100meters cable Data)

| | |
|--------------------------------|---------------|
| Input Impedance (0.772-100MHZ) | : 100+15 Ohms |
| (125-250MHZ) | : 100+22 Ohms |
| Mutual Capacitance | : 4.8nF/100m |
| Capacitance, unbalance (Max.) | : 330pF/100m |
| Velocity of Propagation | : 0.7c |

Cable Data:

| | |
|-------------------------|----------------------------|
| Cable Type | : 4PAIR UTP |
| Conductor AWG Stranding | : 23AWG BC Solid 1/0.567mm |
| Insulator Type | : HDPE |
| Filter | : Yes |
| Jacket Version | : PVC, CM |
| Jacket Color | : Grey |
| Jacket | : 5.4mm Dia |
| Spacer | : 0.5mm Thickness |
| Packing | : Reel -in-Box (305Meter) |

Specifications are subject to change without prior notice with advancement in technology.

