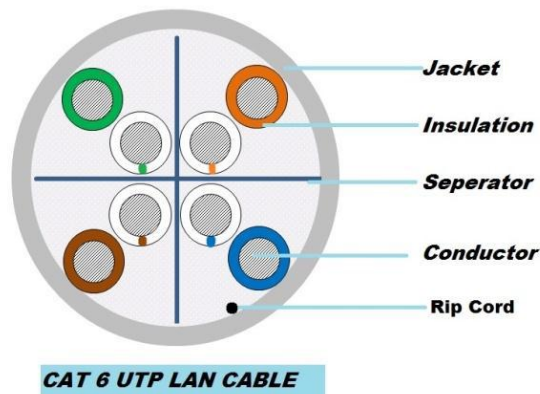


CAT 6 COPPER CLAD ALUMINUM CABLE



Introduction:

Enhanced performance cables for transmission of high speed data, digital and analogue voice and video (RGB) signals of LAN's. Supports Gigabit Ethernet standards (1000 base T). Operates at bandwidth upto 250 MHz for CAT-6. The cable meets the requirements of EIA/TIA 568 B.2 and ISO-11801.

Technical Specifications:

Conductor	<i>Solid Copper Clad Aluminium</i>
Nominal Conductor Diameter	<i>(24 AWG) 0.50 ± 0.015</i>
Insulation	<i>Polyethylene (HDPE)</i>
Color Code:	
Pair #1	<i>Orange-White with Orange</i>
Pair #2	<i>Brown-White with Brown</i>
Pair #3	<i>Blue-White with Blue</i>
Pair #4	<i>Green-White with Green</i>
Outer Sheath	<i>PVC Sheath (Grey)</i>
Approximate OD	<i>5.70 mm ±0.30 mm</i>
Rip Cord	<i>Yes</i>
Sequential Marking	<i>At Every Meter</i>
Temperature rating	<i>- 20 to +60 0C</i>

Low Frequency Electrical Parameter :

- RESISTANCE UNBALANCE : 5%MAX
- MUTUAL CAPACITANCE: 5.6 nF/100 mtrs Max.
- Capacitance to 1khz $50\pm 5\text{nf}/\text{km}$ (max.)
- CAPACITANCE UNBALANCE PAIR/GROUND: 330PF/100M MAX
- Propagation Delay Skew: 536 nS/100M
- Normal Velocity of Propagation: 69%
- IMPEDANCE: $100\pm 15\% \text{OHMS}$
- Worst Case cable skew : 45ns/100m
- Generally confirming to EIA/TIA 568-C and IEC/ISO 11801

Ordering Information

LZ-C06305Y : LANZONE Cat 6 Copper clad Aluminum UTP Cable -305 meters box.

