

CAT 5E 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 100 MHz for CAT-5e. The cable meets the requirements of EIA/TIA 568 B.2 and ISO-11801.

Technical Specifications:

Color coding of Pairs :

- Pair 1 - WHITE - BLUE / BLUE
- Pair 2 - WHITE - ORANGE / ORANGE
- Pair 3 - WHITE - GREEN / GREEN
- Pair 4 - WHITE - BROWN / BROWN

Conductor: Copper Clad Aluminum. Cables made in solid conductors. 24 AWG size for CAT-5e.

Insulation: High Density Polyethylene

Pairs : Two Cores are twisted to form a pair. The lay of the pairs are chosen to minimize the cross talk, and structural return loss (SRL).

Sheath : Non plenum CMR rated FR ROHS PVC

Printing : At every meter with sequential marking

Rip Cord : Polyester

Packing : 305 mtr tangle free cartons.



Applications :

- Horizontal Distribution & Backbone Cabling
- 100 Base TX
- 1000 Base TX
- 100 Base VG Anylan
- 155 ATM
- IEEE 802.3
- IEEE 802.5
- 16 Mbps Token Ring
- 622 ATM
- Gigabit Ethernet
- DC Resistance (ohms/100 meters at 20°C) for a single copper conductor
- DC Resistance Unbalanced (percent), max.
- Pair-to-Ground Capacitance Unbalanced (pF/100 meters), Max
- Impedance (ohms)

Frequency (MHz)	Worst Pair Near-End Cross talk (dB), min	Attenuation (dB/100 Meters at 20°C), Max	Structural Return Loss (dB) min.
0.772	64	1.8	-
1	62	2	23
4	53	4.1	23
8	49	5.8	23
10	47	6.5	23
16	44	8.2	23

20	42	9.3	23
25	41	10.4	22
31.25	39	11.7	21
62.5	35	17	18
100	32	22	16

ORDERING INFORMATION

LZ-CO5305Y: LANZONE Cat 5e Copper clad Aluminum UTP Cable -305 meters box

