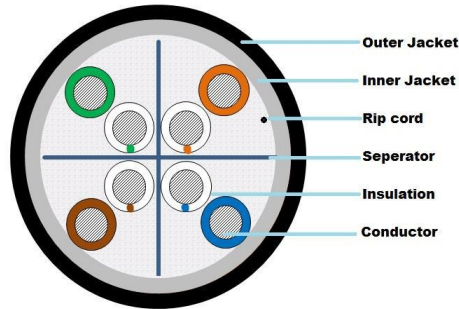


CAT 6 UTP Double Jacket Outdoor CABLE



CAT 6 UTP DOUBLE JACKET LAN CABLE

Introduction:

Cat6 cable offers superior Electrical performance meeting 1000 Base-T requirement for applications such as Data Centres, Server Farms and other bandwidth intensive application. Our unique Double Jacket construction offers a extra layer of protection against outside elements protecting your Infrastructure Investment for years to come.

Key Features:

- Exceed ISO/IEC 11801, IEC 61156-5, ANSI/TIA /EIA- 568-C.2 Class E Standards backward compatible to Cat5e Applications
- Excellent Margin with suppression of Cross Talk (NEXT)
- 4 Pair Separator Design

Technical Specifications:

Construction :

Conductor	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter	0.53 ± 0.015 mm
Insulation	Polyethylene (HDPE)
Pairing	Twisted into Two core
No.of Pair	4, Each pair Twisted
Inner Sheath material	PVC
Inner sheath colour	Grey/Natural

Outer Sheath material	LDPE
Colour of Sheath	Black
Approximate OD	7.0 ± 0.30 mm
Rip Cord	Yes
Sequential Marking	At Every Meter
Cross Filler	HDPE
Packing	305 Mtrs in a Wooden Reel

Color coding of Pairs :

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

General / Environmental:

Operating temperature: -20 to +60 C

Storage Temperature -20 to +60 C

Installation temperature : 0 to +50C

Electrical Characteristics:

Mutual capacitance: 5.6nf /100mtr Max

Characteristic Impedance: 100Ω ± 15%

DC Resistance Unbalance: 5%(Max)

Worst case delay skew: 45nS/100m(Max)

Nominal velocity propagation: 69%



HIGH FREQUENCY ELECTRICAL PARAMETERS						
FREQ (MHz)	ATT (dB/100m) max.	NEXT (dB) min.	PS.NEXT (dB) min.	ACRF (dB@100 m) min.	PS.ACRF (dB@100 m) min	Return Loss (dB/100m)
1	2.1	65.0	62.0	63.3	60.3	19.0
4	4.0	63.0	60.5	51.2	48.2	19.0
8	5.7	58.2	55.6	45.2	42.2	19.0
10	6.3	56.6	54.0	43.3	40.3	19.0
16	8.0	53.2	50.6	39.2	36.2	18.0
20	9.0	51.6	49.0	37.2	34.2	17.5
25	10.1	50.0	47.3	35.3	32.3	17.0
31.25	11.4	48.4	45.7	33.4	30.4	16.5
62.5	16.5	43.4	40.6	27.3	24.3	14.0
100	21.3	39.9	37.1	23.3	20.3	12.0
200	31.5	34.8	31.9	17.2	14.2	9.0
250	35.9	33.1	30.2	15.3	12.3	8.0

Ordering Information

LZ-C06305Z-LANZONE Cat 6 UTP 4 Pair Double jacket outdoor Cable -305 meters box.

