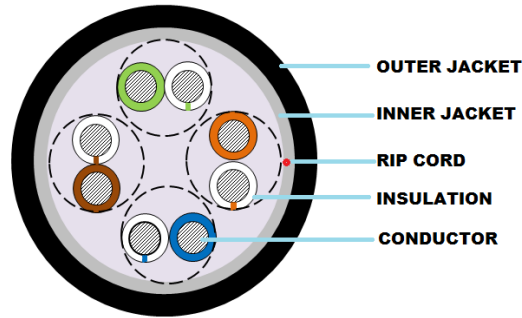


CAT 5e UTP Double Jacket Outdoor CABLE



CAT 5e UTP DOUBLE JACKET

Introduction:

Cat5e 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-B.2 Standards backward compatible to Cat5 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	24 AWG 0.50 ± 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	PE
Colour of Sheath	Black
Approximate OD	6.10 ± 0.30 mm
Rip Cord	Yes
Sequential Marking	At Every Meter
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: -10 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 TRANSMISSION PARAMETERS						
FREQ	INS LOSS	NEXT Pair to Pair	NEXT power sum	ACRF	Power Sum	Return Loss
(MHz)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)
	Max	min	min	min	min	min
1	2.2	60	57.0	57.4	54.4	17.0
4	4.5	53.5	50.5	45.4	42.4	17.0
8	6.3	48.6	45.6	39.3	36.3	17.0
10	7.1	47.0	44.0	37.4	34.4	17.0
16	9.1	43.6	40.6	33.3	30.3	17.0
20	10.2	42.0	39.0	31.4	28.4	17.0
25	11.4	40.3	37.3	29.4	26.4	16.0
31.25	12.9	38.7	35.7	27.5	24.5	15.1
62.5	18.6	33.6	30.6	21.5	18.5	12.1
100	24.0	30.1	27.1	17.4	14.4	10.0

Ordering Information

LZ-C05305Z-LANZONE Cat 5e UTP 4 Pair Double jacket outdoor Cable -305 meters box.

