

LinkSide

Category 6 U/UTP Cable

Product code:

PVC: 490309

LSZH: 490306

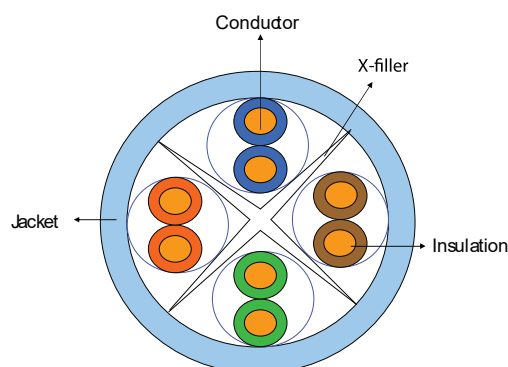
Standards:

- TIA/EIA568-C2
- ISO/IEC-11801
- IEC 61156-5

Application:

- High Speed Horizontal Cabling
- 100Mbps TPDDI
- 1000Base-T
- 622 Mbps ATM
- IEEE 802.3
 - 10 Base-T
 - 100 Base-T4
 - 100 Base-X
- IEEE 802.5
 - 100 Base-VG
- Gigabit Ethernet

Construction :



Construction:

Type		Pairs	Conductor	Insulation Thickness		Outer Diameter		Jacket	Insulation
				mm	Inch	mm	inch		
Horizontal Cable	PVC	4	23AWG (0.55mm)	0.23	0.0091	6.0	0.236	PVC	HDPE
Horizontal Cable	LSZH	4	23AWG (0.55mm)	0.22	0.0087	6.0	0.236	LSZH	HDPE

Electrical Properties:

Max. conductor resistance	93.8Ω/km @20°C
Max. mutual capacitance	5.6nF/100m
Max. resistance unbalance	5%
Max. capacitance unbalance	330 pF/100m

Electrical Performance

Frequency MHz	Attenuation Min.dB/100m	Return Loss dB	NEXT Min.dB/100m	P.S NEXT Min.dB/100m	FEXT Min.dB/100m	P.S ELNEXT Min.dB/100m
1	2.0	74.3	72.3	72.3	67.8	64.8
4	3.8	65.3	63.3	61.5	55.8	52.8
8	5.3	60.8	58.8	55.4	49.7	46.7
10	6.0	59.3	57.3	53.3	47.8	44.8
16	7.6	56.2	54.2	48.6	43.7	40.7
20	8.5	54.8	52.8	46.2	41.8	38.8
25	9.5	53.3	51.3	43.7	39.8	36.8
31.25	10.7	51.9	49.9	41.1	37.9	34.9
62.5	15.4	47.4	45.4	31.7	31.9	28.9
100	19.8	44.3	42.3	24.1	27.8	24.8
200	29.0	39.8	37.8	10.0	21.8	18.8
250	32.8	38.3	36.3	4.6	19.8	16.8