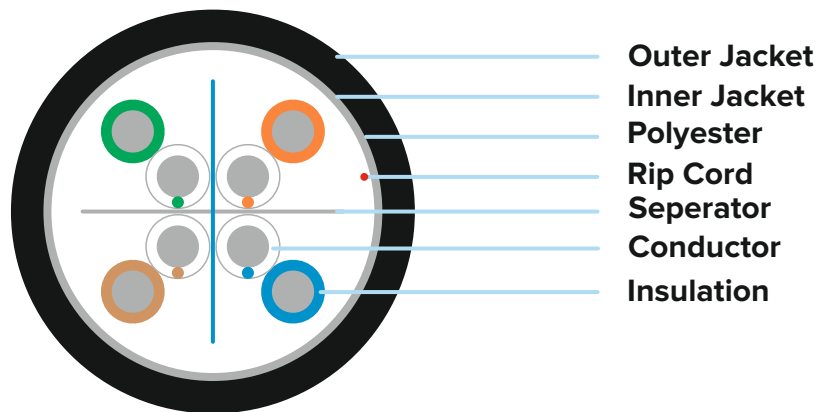


CAT6 UTP DOUBLE JACKET LSZH CABLE

Features



Generic cabling systems applications

Including 10Base-T, 100Base-T, 1000Base-T, ATM & Token Ring

Designed to support Cat 6 Link and Channel performance

Standards – ISO/IEC 11801, TIA- 568-C.2, IEC60332-1, IEC60754-1&-2, IEC61034-1, RoHS Directives 2011/65/EU, 2015/863

With internationally defined Physical and Electrical performance up to 250MHz

Specifications

Construction

Conductor	23AWG bare solid
Insulation	Polyethylene with colour marking on white cores to ease identification
Colour Code	White-Blue/Blue, White-Orange/Orange, White-Green/Green, White-Brown/Brown
Shield	Nil
Inner Jacket	LDPE
Outer Jacket	LSZH anti rodent
Jacket color	Black
Drain Wire	Nil
Outer Diameter	7.10 mm $\pm$ 0.5 mm

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Mechanical Characteristics

Maximum Pulling Force	11KG / 25 Lbs
Minimum Bending Radius	8*OD (Installation) 4*OD (Installed)
Operating Temperature	-20Deg C ~ +60 Deg C
Installation Temperature	+0 Deg C ~ +50 Deg C
LSZH Jacket requirement	ROHS,IEC60332-1, IEC60754-1&-2, IEC61034-1
Product lengths	305m with Reelex II Box

Specifications

Electrical properties at 20°C

Resistance unbalance	max. 5%
Delay skew	max. 45 ns/100 m
Characteristic Impedance (1-250 MHZ)	100 ± 15 Ω
Nominal velocity of propagation	69%
Mutual Capacitance (nominal)	5.6 nF/100m

Performance Specifications

HIGH FREQUENCY ELECTRICAL PARAMETERS						
FREQ (MHZ)	ATT (db/100m) max.	NEXT (dB) min.	PS.NEXT (dB) min.	ACRF (dB@100m) min.	PS.ACRF (dB@100m) min.	Return Loss (dB/100m)
1	2.1	65.0	62.0	63.3	60.3	19
4	4.0	63.0	60.5	51.2	48.2	19
8	5.7	58.2	55.6	45.2	42.2	19
10	6.3	56.6	54.0	43.3	40.3	19
16	8.0	53.2	50.6	39.2	36.2	18
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

CAT6 UTP DOUBLE JACKET LSZH CABLE

Ordering Information

Number	Description
GC6CADJ3XLS3X	Genius Cat 6 UTP 23AWG Double Jacket cable LSZH 305 mtr Black

