



Cable Type	Part No: 20071211-01
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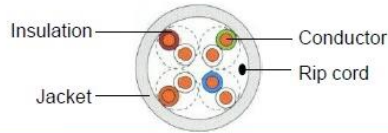
CAT5E UTP LSZH	
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General Description

For structured network systems

Relevant Standards

EIA/TIA 568A & ISO/IEC 11801



Cable Construction	Material Breakdown
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Inner Conductor	Solid bare copper	0.51(+0.001/-0.010)mm
Insulation	SPE insulation	0.91(+/-0.10)mm*8
	Color	White-Blue/Blue,White-Orange/Orange White-Green/Green,White-Brown/Brown

Shield(Braiding lay)	---	---
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Jacket	LSZH	5.20(+/-0.20)mm
	Color	Violet
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Electrical Characteristics	
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Max.Conductor DC Resistance at 20°C (Ω/100M)	10.55
Min.Insulation DC Resistance at 20°C (MΩ*M)	200
Rated Temperature(°C)	60
Rated Voltage (V)	30
Capacitance(pF/m)	---
Velocity ratio (%)	---
Impedance(Ω) 1-100 MHz	100(+/-15)Ω
RL (dB)	Value
1.0 MHz	20.0
4.0 MHz	23.0
8.0 MHz	24.5
10.0 MHz	25.0
16.0 MHz	25.0
20.0 MHz	25.0
25.0 MHz	24.3
31.25 MHz	23.6
62.5 MHz	21.5



100.0 MHz
Attenuation at 20°C (-dB/100m)(±15%)

1.0 MHz
4.0 MHz
8.0 MHz
10.0 MHz
16.0 MHz
20.0 MHz
25.0 MHz
31.25 MHz
62.5 MHz
100.0 MHz

Next Worst Pair (dB)

1.0 MHz
4.0 MHz
8.0 MHz
10.0 MHz
16.0 MHz
20.0 MHz
25.0 MHz
31.25 MHz
62.5 MHz
100.0 MHz

20.1
Value
2.0
4.1
5.8
6.5
8.2
9.3
10.4
11.7
17.0
22.0
Value
65.3
56.3
51.8
50.3
47.3
45.8
44.3
42.9
38.4
35.3

RoHS (2002/95/EC) Compliant
This product conforms to the above standard