



Cable Type		Part No: 20071211-01
CAT5E UTP LSZH		
General Description		
For structured network systems		
Relevant Standards		
EIA/TIA 568A & ISO/IEC 11801		
Cable Construction		Material Breakdown
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		
Max.Conductor DC Resistance at 20℃ (Ω/100M)		10.55
Min.Insulation DC Resistance at 20℃ (MΩ*M)		200
Rated Temperature(℃)		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