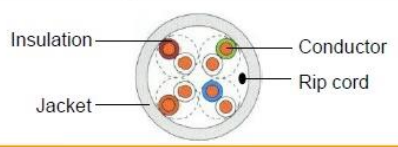




| | |
|-------------------|-----------------------------|
| Cable Type | Part No: 20071211-01 |
| CAT5E UTP LSZH | |

| |
|--------------------------------|
| 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) | --- | --- |
| | --- | --- |
| Jacket | LSZH | 5.20(+/-0.20)mm |
| | Color | Violet |
| | --- | --- |

| Electrical Characteristics | | |
|----------------------------|--|--|
|----------------------------|--|--|

| | | |
|--|-----------|-------------|
| 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