

UTP CAT 6 LSZH

Revision History

| | |
|----------------------------|-----------------|
| Part No:842-7324, 842-7327 | Price NO: |
| Prepared by:GJQ | Date: 2014/9/15 |
| Approved by: | Page: 1 of 1 |

Product Code: UTP CAT 6 LSZH

Product Description

Application:

1000 Mbits/s Networks;VOIP; IP Camera; IP TV;

Reference Standard

ISO/IEC 11801: 2011; IEC61156-5:2009; EN50173; EN50288-6-1:2013

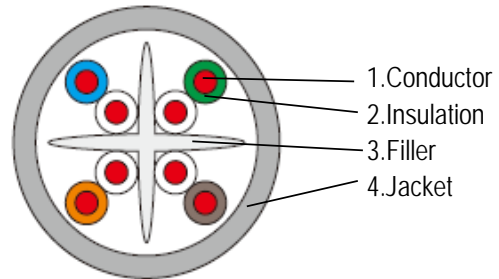
Multi-construction

4 Pair

Cable Construction

| | |
|------------------------|-------------------------|
| 1.Conductor | Bare Copper |
| Construction (mm) | 0.52±0.01 |
| 2.Insulation | HDPE |
| Insulation Dia.(mm) | 0.92±0.08×2C Twist |
| 3.Filler | Corsss Member PE |
| 4.Jacket | LSZH |
| Dia.(±0.25mm) | 6.00 |
| Jacket Color | According to customer |
| Colour | |
| Insulation colour are: | |
| Blue, White/Blue | Orange,White/Orange |
| Green, White/Green | Brown, White/Brown |
| Marking | |
| According to customer. | |
| Packaging | |
| 100m/Coil | |
| 500m/Durm | |

Design



Electrical Characteristics

Performance

| Frequency (MHz) | Attenuation (dB) | NEXT (dB) | RL (dB) | Return Loss (dB) |
|-----------------|------------------|-----------|---------|------------------|
| 1.00 | 2.10 | 75.30 | 72.30 | 20.00 |
| 4.00 | 3.80 | 66.30 | 63.30 | 23.00 |
| 10.00 | 6.00 | 60.30 | 57.30 | 25.00 |
| 16.00 | 7.60 | 57.20 | 54.20 | 25.00 |
| 31.25 | 10.70 | 52.90 | 49.90 | 23.60 |
| 62.50 | 15.50 | 48.40 | 45.40 | 21.50 |
| 100.00 | 19.90 | 45.30 | 42.30 | 20.10 |
| 250.00 | 33.00 | 39.30 | 36.30 | 17.30 |

| Frequency (MHz) | ELFEXT (dB) | PSELFEXT (dB) |
|-----------------|-------------|---------------|
| 1.00 | 68.00 | 65.00 |
| 4.00 | 56.00 | 53.00 |
| 10.00 | 48.00 | 45.00 |
| 16.00 | 43.90 | 40.90 |
| 31.25 | 38.10 | 35.10 |
| 62.50 | 32.10 | 29.10 |
| 100.00 | 28.00 | 25.00 |
| 250.00 | 20.00 | 17.00 |

| | |
|--|--------------------------------------|
| Max.Conductor DC Resistance at 20°C (Ω/Km) | <97.6 |
| Rated Temperature(°C) | 60 |
| Velocity ratio | 70% |
| Impedance(Ω) | 1-100MHz 100±15 100-250MHz 100±20 |
| Fire Performance: IEC60332-1 | |
| Smoke Density: IEC61034 | |
| Halogen Free: IEC60754 | |