

F-FTP Cat 6A LSZH

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| Revision History | |
|----------------------------|-----------------|
| Part No:842-7346, 842-7349 | Price NO: |
| Prepared by:GJQ | Date: 2014/9/15 |
| Approved by: | Page: 1 of 1 |

Product Code: F-FTP Cat 6A LSZH

Product Description

Application:
10GMbps/s Networks;VOIP; IP Camera; IP TV;

Reference Standard

ISO/IEC 11801: 2011; IEC61156-5:2009;
EN50173; EN50288; ANSI/TIA 568-C.2:2009

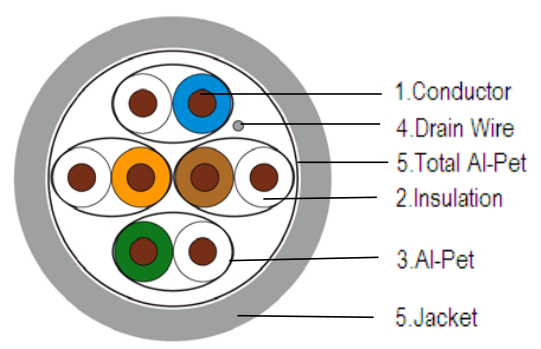
Multi-construction

4 Pair

Cable Construction

| | |
|---|-----------------------|
| 1.Conductor | Bare Copper |
| Construction | 0.56±0.01 |
| 2.Insulation | Skin-Foam-Skin |
| Insulation Dia.(mm) | 1.32±0.15×2C Twist |
| Each Pair is Twisted ,Unshielded. | |
| 3.AI-Pet shield(on each pair,AI-side out) | ≥115% |
| 4.Drain Wire | Tinned copper |
| Construction | T0.4±0.01 |
| 5.Total AI-Pet shield | ≥115% |
| 6.Jacket | LSZH |
| Dia.(±0.30mm) | 7.40 |
| Jacket Color | According to customer |
| Color | |
| Insulation color are: | |
| Blue, White | Orange,White |
| Green, White | Brown, White |
| Marking | |
| According to customer | |
| Packaging | |
| 100m/Coil | |
| 500m/Durm | |

Design



Electrical Characteristics

| Performance | | | | |
|--|-----------------------|---------------|--------------|-------------------|
| Frequency (MHz) | Attenuation (dB/100m) | Next (dB) | PS NEXT (dB) | RL (dB) |
| 1.00 | 2.10 | 75.30 | 72.30 | 20.00 |
| 4.00 | 3.80 | 66.30 | 63.30 | 23.00 |
| 10.00 | 5.90 | 60.30 | 57.30 | 25.00 |
| 16.00 | 7.50 | 57.20 | 54.20 | 25.00 |
| 31.25 | 10.50 | 52.90 | 49.90 | 23.60 |
| 62.50 | 15.00 | 48.40 | 45.40 | 21.50 |
| 100.00 | 19.10 | 45.30 | 42.30 | 20.10 |
| 250.00 | 31.10 | 39.30 | 36.30 | 17.30 |
| 500.00 | 45.30 | 34.80 | 31.80 | 17.30 |
| Frequency (MHz) | ELFEXT (dB) | PEELFEXT (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 | | |
| 500.00 | 14.00 | 11.00 | | |
| Max.Conductor DC Resistance at 20°C (Ω/Km) | | | | <85.6 |
| Rated Temperature(°C) | | | | 60 |
| Velocity ratio | | | | 70% |
| Impedance(Ω) | | | | 1-100MHz 100±15 |
| | | | | 100-250MHz 100±20 |
| | | | | 250-500MHz 100±25 |
| Fire Performance: IEC60332-1 | | | | |
| Smoke Density: IEC61034 | | | | |
| Halogen Free: IEC60754 | | | | |