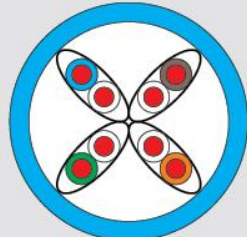




Technical Performance (100m.):

| Frequency (MHz) | RL ≥dB | ATT(20 °C) ≤dB | NEXT ≥dB | PHASE DELAY ≤ns | Frequency (MHz) | PSNEXT ≥dB | ELFEXT ≥dB | PSELFEXT ≥dB |
|-----------------|--------|----------------|----------|-----------------|-----------------|------------|------------|--------------|
| 1 | 20.0 | 2.1 | 74.3 | 570.0 | 1 | 72.3 | 68.0 | 65.0 |
| 4.0 | 23.0 | 3.8 | 65.3 | 552.0 | 4 | 63.3 | 56.0 | 53.0 |
| 8.0 | 24.5 | 5.3 | 60.8 | 546.7 | 8 | 58.8 | 49.9 | 46.9 |
| 10.0 | 25.0 | 5.9 | 59.3 | 545.4 | 10 | 57.3 | 48.0 | 45.0 |
| 16.0 | 25.0 | 7.5 | 56.2 | 543.0 | 16 | 54.2 | 43.9 | 40.9 |
| 20.0 | 25.0 | 8.4 | 54.8 | 542.1 | 20 | 52.8 | 42.0 | 39.0 |
| 25.0 | 24.3 | 9.4 | 53.3 | 541.2 | 25 | 51.3 | 40.0 | 37.0 |
| 31.25 | 23.6 | 10.5 | 51.9 | 540.4 | 31.25 | 49.9 | 38.1 | 35.1 |
| 62.5 | 21.5 | 15.0 | 47.7 | 538.6 | 62.5 | 45.4 | 32.1 | 29.1 |
| 100 | 20.1 | 19.1 | 44.3 | 537.6 | 100 | 42.3 | 28.0 | 25.0 |
| 200 | 18.0 | 27.6 | 39.8 | 536.5 | 200 | 37.8 | 22.0 | 19.0 |
| 250 | 17.3 | 31.1 | 38.3 | 536.3 | 250 | 36.3 | 20.0 | 17.0 |
| 300 | 16.8 | 34.3 | 37.1 | 536.1 | 300 | 35.1 | 18.5 | 15.5 |
| 500 | 15.2 | 45.3 | 33.8 | 535.6 | 500 | 31.8 | 14.0 | 11.0 |

Content of the Data Sheet

| | | | | | |
|-------------------------|--|---------------------------|--------------------------|--|-----------------------------------|
| Category | U/FTP-CAT6A-4P-LSZH | | |  | |
| Test Standard | ISO/IEC11801, TIA-568-C.2, YD/T1019 | | | | |
| Conductor | Material | Solid-Bare Copper | | | |
| | Nom.O.D.(mm) | 0.570 | up +0.005 down -0.005 | | |
| Insulation | Material | Skin-foam-skin PE | | | |
| | Diameter | 1.350 ± 0.05 mm | | | |
| Screening | Aluminum Foil | Drain Wire | TC 0.45mm | | |
| Sheath | Thickness | 0.55 ± 0.05 mm | | | Sheath Physical Properties |
| | External O.D. | 7.4 ± 0.5 mm | | | |
| | Surface | Clean | | | |
| | Material | LSZH / PVC | | | |
| Surface Printing | Color | According to the requires | | Before Aging Tensile Strength (Mpa) ≥10 Elongation(%) ≥125 | |
| | Letter height | 3.0 ± 0.3mm | | Aging Period (° C × hrs) 100 ° C × 24h × 7d | |
| | Print error & Space | < ± 0.5%, 1m | | After Aging Tensile Strength(Mpa) ≥8.0 Elongation(%) ≥100 | |
| Core Color | 1 White- Blue /Blue | 2 White-Orange /Orange | | Cold bend(-20±2 ° C × 4h) 8 × Cable O.D. | |
| | 3 White-Green /Green | 4 White- Brown /Brown | | Electrical Characteristics (20 °C) | |
| Packing | Wooden Tray & Carton | | | | |
| Carton Dimension | 40.5*40.5*21cm | | | | |
| Packing Length | 305±1.5m | | | | |
| Rip-Cord | Yes | | | | |
| Sheath Printing | TTAF FO-LC6a-U/FTPH 4X2X23 AWG U/FTP CATEGORY 6A 550 MHZ LSZH CABLE ETL VERIFIED TO ANSI/TIA-568-C.2 IEC 60332-1 CE ROHS 2014/10 TFC6/2014-5-FR ***** mm/dd/yyyy | | | | |

Art No

Product Description

FO-LC6a-UFTPP

U/FTP CAT6a PVC Cable

FO-LC6a-UFTPH

U/FTP CAT6a LSZH Cable

