

FTTX Flat type

Model : W-FOFTTxFA

Features

- Adopted to indoor level and vertical distribution
- Suitable for connect with communication equipment
- Long distance and local area network communication
- Low price

Standard

- ISO/IEC 9001 : 2015 , ISO/IEC 11801
- ANSI/TIA/EIA-568-B.3, ANSI/TIA-568-C.3
- Telcordia (Bellcore) GR-20-CORE, GR-409-CORE
- ANSI/ICEA 696, ANSI/ICEA 596
- ITU-T G.657A, G.657A1, G.657A2 (Single Mode)
- RoHS Compliant
- IEC60332-3, IEC60332-1
- IEC61034-2, IEC60754-2
- IEC60793, IEC60794-1-2
- IEA-455
- EN 50173-1

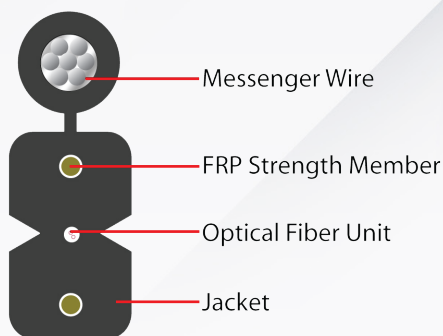


Table 1 : Geometrical Performance

Specification

| Item | Specification | |
|-----------------------------------|---|-----------------------|
| Fiber type | Single Mode (ITU-T G.657A2) | |
| Attenuation (dB/km) | ≤ 0.38 @ 1310 nm ≤ 0.26 @ 1550 nm | |
| Core | Germanium doped silica glass | |
| Mode Field Diameter | 9.2 ± 0.4 μm @ 1310 nm 10.4 ± 0.5 μm @ 1550 nm | |
| Cladding | Silica glass | |
| Cladding Diameter | 125 ± 1.0 μm | |
| Core Non-circularity (%) | ≤ 5 | |
| Cladding Non-circularity | ≤ 1.0% | |
| Core-Cladding Concentricity error | ≤ 0.8 μm | |
| Primary Coating | 2 layers of UV curable resin | |
| Fiber Count | 1, 2 | |
| Filling Compound | Thixotropic Jelly Compound | |
| Loose tube | Low Smoke Zero Hydrogen (LSZH) | |
| Strength Member | Fiber -reinforced plastic (FRP) | |
| Outer Sheath | Material | PE with LSZH |
| | Thickness | Overall 3.0 mm. |
| Messenger Wire | Material | Galvanized steel wire |
| | Diameter | Ø 1.2 mm (7 x 0.4 mm) |
| Temperature Range | Operation | -40 °C to + 70 °C |
| | Installation | -40 °C to + 70 °C |
| | Storage | -40 °C to + 75 °C |
| Fiber Color | Core 1 : Blue ● , Core 2 : Orange ● | |

Table 2 : Part Number

| No. | Description |
|-------------|---|
| W-FOFTTx1FA | "Widen" FTTX cable 1F, Flat type , G.657A2 Spec : AIS |
| W-FOFTTx2FA | "Widen" FTTX cable 2F, Flat type , G.657A2 Spec : AIS |
| W-FOFTTx4FA | "Widen" FTTX cable 4F, Flat type , G.657A2 Spec : AIS |