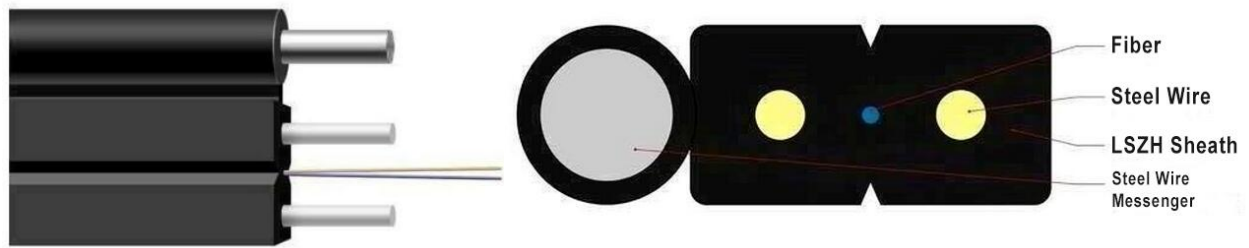


Outdoor / Indoor Optical FTTH Drop Cable



Fiber Parameters:

| No. | Items | Unit | Specification |
|-----|--------------------------------------|------------------------------------|---------------------------------|
| | | | G.657A1 / G.657A2 |
| 1 | Mode Field Diameter | 1310nm | μm 9.0 \pm 0.4 |
| | | 1550nm | μm 10.1 \pm 0.5 |
| 2 | Cladding Diameter | μm | 124.8 \pm 0.7 |
| 3 | Cladding Non-Circularity | % | \leq 0.7 |
| 4 | Core-Cladding Concentricity Error | μm | \leq 0.5 |
| 5 | Coating Diameter | μm | 245 \pm 5 |
| 6 | Coating Non-Circularity | % | \leq 6.0 |
| 7 | Cladding-Coating Concentricity Error | μm | \leq 12.0 |
| 8 | Cable Cutoff Wavelength | nm | $\lambda_{\text{cc}} \leq 1260$ |
| 9 | Attenuation(max.) | 1310nm | dB/km \leq 0.35 |
| | | 1550nm | dB/km \leq 0.21 |
| 10 | Macro-Bending Loss | 1turn \times 10mm radius @1550nm | dB \leq 0.75 |
| | | 1turn \times 10mm radius @1625nm | dB \leq 1.5 |

Cable Parameters:

| Items | | Specifications |
|------------------------|-----------|------------------------------------------|
| Fiber Count | | 1/2/4 |
| Colored Coating Fiber | Dimension | 250 \pm 15 μm |
| | Color | Blue/Blue, Orange |
| Strength Member | Dimension | 0.45mm |
| | Material | Steel Wire |
| Self-Supporting Member | Dimension | 1.0mm |
| | Material | Steel Wire |
| Jacket | Dimension | 5.2 \pm 0.2mm \times 2.1 \pm 0.1mm |
| | Material | LSZH |
| | Color | Black |

Technical Parameters:

| Type | Cores | Cable diameter(mm) | Short stretch(N) | Long-term tensile(N) | Short squash (N/100cm) | Long-term squash (N/100cm) | Bending Radius /Static | Bending Radius /Dynamic | Weight (Kg/Km) |
|------|-------|--------------------|------------------|----------------------|------------------------|----------------------------|------------------------|-------------------------|----------------|
| FTTH | 1 | 2.0*3.0 | 30 | 60 | 300 | 1000 | 15D | 30D | 20 |
| FTTH | 2 | 2.0*3.4 | 30 | 60 | 300 | 1000 | 15D | 30D | 22 |
| FTTH | 4 | 2.0*3.8 | 30 | 60 | 300 | 1000 | 15D | 30D | 25 |