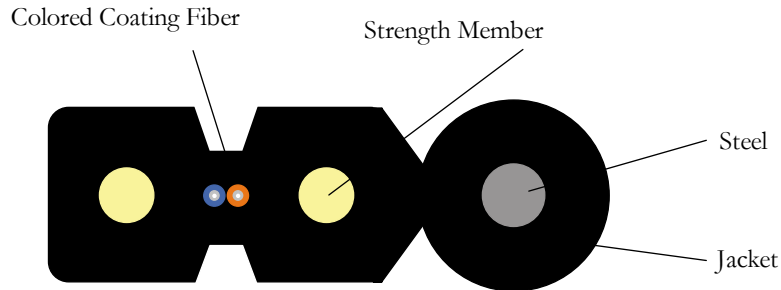


2-FIBER SELF - SUPPORTING COVERED WIRE CABLE

PROFILE VIEW



FIBER PARAMETERS

| №. | Items | Unit | Specification | |
|----|--|-------------------------------------|--------------------------|---------------|
| | | | G.657A2 | |
| 1 | Mode Field Diameter | 1310nm | μm | 8.6 ± 0.4 |
| | | 1550nm | μm | 9.6 ± 0.5 |
| 2 | Cladding Diameter | μm | 125.0 ± 0.7 | |
| 3 | Cladding Non - Circularity | % | ≤ 0.7 | |
| 4 | Core - Cladding Concentricity Error | μm | ≤ 0.5 | |
| 5 | Coating Diameter | μm | 245 ± 5 | |
| 6 | Coating Non - Circularity | % | ≤ 6.0 | |
| 7 | Cladding - Coating Concentricity Error | μm | < 12.0 | |
| 8 | Cable Cutoff Wavelength | nm | $\lambda_{cc} \leq 1260$ | |
| 9 | Attenuation(max.) | 1310nm | dB/km | ≤ 0.35 |
| | | 1550nm | dB/km | ≤ 0.20 |
| 10 | Macro-Bending Loss | 1turn \times 7.5mm radius @1550nm | dB | ≤ 0.4 |
| | | 1turn \times 7.5mm radius @1625nm | dB | ≤ 0.8 |

CABLE PARAMETERS

| Items | | Specification |
|------------------------|-----------|--|
| Fiber Count | | 2 |
| Colored Coating Fiber | Dimension | $250 \pm 15 \mu\text{m}$ |
| | Color | Blue, Orange |
| Strength Member | Dimension | 0.5mm |
| | Material | FRP |
| Self-Supporting Member | Dimension | 1.2mm |
| | Material | KFRP |
| Jacket | Dimension | $5.2 \pm 0.2 \text{mm} \times 2.1 \pm 0.1 \text{mm}$ |
| | Material | LSZH |
| | Color | Black |

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

| Items | Unite | Specifications |
|----------------------------|--------|----------------|
| Tension (Long Term) | N | 300 |
| Tension (Short Term) | N | 600 |
| Crush (Long Term) | N/10cm | 1000 |
| Crush (Short Term) | N/10cm | 2200 |
| Min. Bend Radius (Dynamic) | mm | 20D |
| Min. Bend Radius (Static) | mm | 10D |
| Installation Temperature | °C | -20~+60 |
| Operating Temperature | °C | -40~+70 |
| Storage Temperature | °C | -40~+70 |

ORDER INFORMATION

| P/N | Description |
|----------|--|
| CFO-0251 | Optical Cable Drop G.657A2, 2h Singlemode F8 |