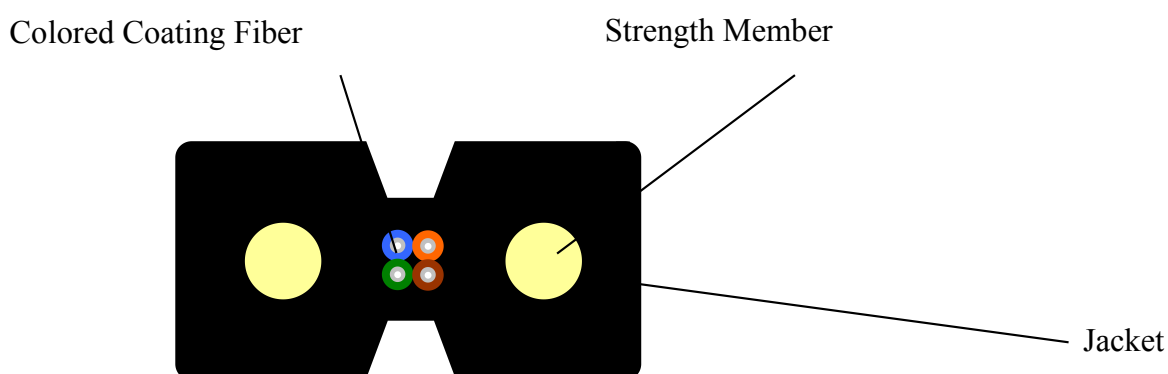




ANSEC

Indoor Drop Cable 4FO 2x0.5FRP, Single mode G.657A1 LSZH, White



Fiber Parameters

| Items | | Unit | Specification |
|--------------------------------------|---------------------------|---------------|--------------------------|
| | | | G.657A1 |
| Mode Field Diameter | 1310nm | μm | 9.0±0.4 |
| | 1550nm | μm | 10.1±0.5 |
| Cladding Diameter | | μm | 124.8±0.7 |
| Cladding Non-Circularity | | % | ≤0.7 |
| Core-Cladding Concentricity Error | | μm | ≤0.5 |
| Coating Diameter | | μm | 245±5 |
| Coating Non-Circularity | | % | ≤6.0 |
| Cladding-Coating Concentricity Error | | μm | ≤12.0 |
| Cable Cutoff Wavelength | | nm | $\lambda_{cc} \leq 1260$ |
| Attenuation(max.) | 1310nm | dB/km | ≤0.4 |
| | 1550nm | dB/km | ≤0.3 |
| Macro-Bending Loss | 1turn×10mm radius @1550nm | dB | ≤0.75 |
| | 1turn×10mm radius @1625nm | dB | ≤1.5 |

Cable Parameters

| Items | | Specifications |
|-----------------------|-----------|-------------------------------|
| Fiber Count | | 4 |
| Colored Coating Fiber | Dimension | 250±15µm |
| | Color | Blue / Orange / Green / Brown |
| Strength Member | Dimension | 0.5mm |
| | Material | FRP |
| Jacket | Dimension | 3.1±0.1mm×2.1±0.1mm |
| | Material | LSZH |
| | Color | White |

Mechanical and Environmental Characteristics

| Items | Unite | Specifications |
|----------------------------|--------|----------------|
| Tension (Long Term) | N | 40 |
| Tension (Short Term) | N | 80 |
| Crush (Long Term) | N/10cm | 500 |
| Crush (Short Term) | N/10cm | 1000 |
| Min. Bend Radius (Dynamic) | mm | 30 |
| Min. Bend Radius (Static) | mm | 15 |
| Installation Temperature | °C | -20~+60 |
| Operating Temperature | °C | -40~+70 |
| Storage Temperature | °C | -40~+70 |

