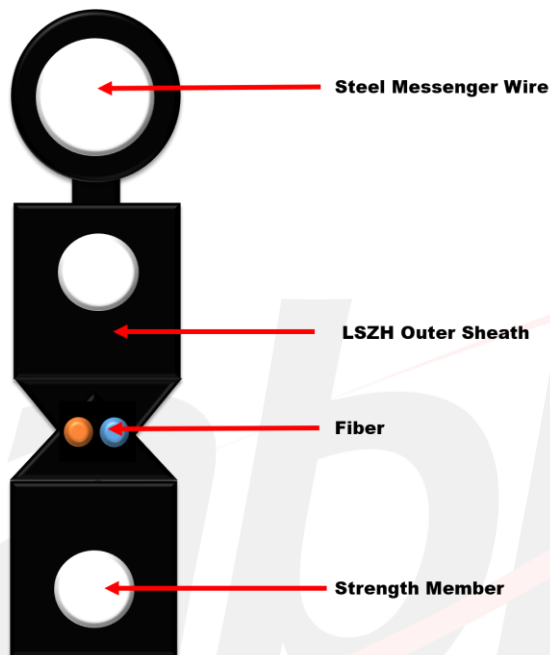


STRUCTURE DIAGRAM



The Outdoor FTTH Drop Cable with a thick outer packaging is durable and can withstand harsh outdoor environments. It has some mechanical and environmental characteristics such as pressure resistance, corrosion resistance and tensile strength.

The optical fiber unit is positioned in the center. Two parallel Fiber Reinforced Plastics (FRP) are placed at the two sides. A steel wire as the additional strength member is also applied. Then the cable is completed with a black or color LSZH sheath.

FEATURES AND BENEFITS:

- Fiber-count : 1,2,4 fibers
- Robust and lightweight
- LSZH jacket for internal use
- Lightweight construction
- Suitable for tight corners and bends
- Compact diameter
- Color-coded fibers for easy identification
- Compatible with field terminated connectors
- Standard cable length of 2km



DCSSF-09G657XXXR

Drop Cable FRP Self Supporting G657A2 9/125 LSZH

SPECIFICATIONS

| Fiber Type | Unit | G.657A2 | | |
|-------------------------------|-------------------------|------------|----------|-------|
| Wavelength | nm | 1310 | 1550 | 1625 |
| Attenuation (*1) | dB/km | ≤0.35 | ≤0.21 | ≤0.22 |
| Chromatic dispersion | ps/nm.km | ≤3.5 | ≤18 | ≤21 |
| Zero dispersion wavelength | nm | 1300 ~1324 | | |
| Zero dispersion slope | ps/nm ² .k m | ≤0.092 | | |
| PMD | ps/√km | ≤0.2 | | |
| Cut-off wavelength | nm | ≤1260 | | |
| Mode-field diameter | μm | 8.4~9.2 | 9.3~10.3 | |
| Core/Clad Concentricity Error | μm | < 0.5 | | |
| Cladding Diameter | μm | 125 ± 0.7 | | |
| Cladding Non-circularity | % | < 0.7 | | |
| Coating Diameter | % | 245 ± 15 | | |
| Proof Test Level | Kpsi | ≥ 100 | | |
| Fiber curl | m | ≥ 4 | | |

CABLE PARAMETERS

| Items | Specification | |
|------------------------|---------------|-------------------------|
| Fiber count | 1, 2, 4 | |
| Colored Coating Fiber | Color | Blue/Orange/Green/Brown |
| Strength Member | Dimension | 0.5mm |
| | Material | FRP |
| Self-supporting Member | Dimension | 1.0mm |
| | Material | Steel Wire |
| Jacket | Dimension | 5.0±0.2mm×2.0±0.1mm |
| | Material | LSZH |
| | Color | Black |

MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

| Items | Unit | Specification |
|----------------------------|--------|---------------|
| Tension (Long Term) | N | 500 |
| Tension (Short Term) | N | 1000 |
| 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 to +60 |
| Operating Temperature | °C | 40 to +70 |
| Storage Temperature | °C | -40 to +70 |

(*1) The Constructed Cable Loss In a Reel May Be Higher Than The Fiber Loss

PACKING

The size of carton is 37.5×37.5×37.5cm, 2000m/drum. Gross weight is about 40kg

APPLICATIONS

FTTH access network / Telecommunication Networks / CATV Networks / Data communications Networks / Local Area Networks



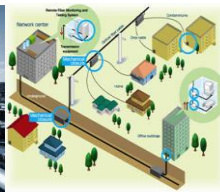
STREET



HOSPITAL



INDUSTRIES



FTTH



OTHERS