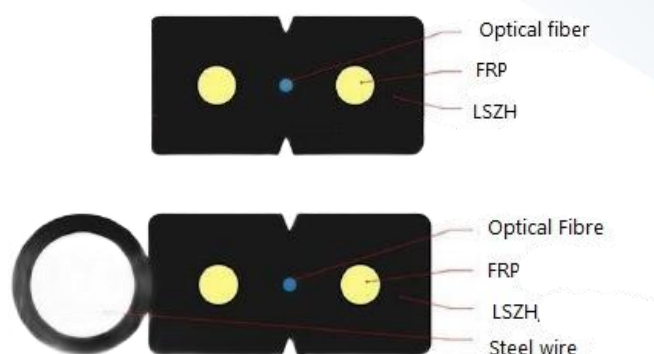


FTTH Drop Cable



FTTH Drop cable construction is that the optical fiber unit is positioned in the center: Two parallel strength members are placed at the two sides and then outer sheath.

Features

- Complies to ANSI/TIA-568.3-D, ISO/IEC11801, IEC 60794-1-2: 2017, ITU-T G.657.A1
- Good crush resistance ensured by parallel strength members
- Low smoke, zero halogen and flame-retardant sheath
- Simple structure, light weight and high practicability

Fiber Specifications

Fiber Standard	: ITU-T G.657.A1
Mode Field Diameter	: $9.0 \pm 0.4 \mu\text{m}$ (1310nm)
	: $10.1 \pm 0.5 \mu\text{m}$ (1550nm)
Cladding Diameter	: $124.8 \pm 1.0 \mu\text{m}$
Cladding non-circularity	: $\leq 0.7\%$
Core- Cladding Concentricity error	: $\leq 0.5 \mu\text{m}$
Coating Diameter	: $245 \pm 7 \mu\text{m}$
Coating non-circularity	: ≤ 6.0
Coating-Cladding Concentricity error	: $\leq 12.0 \mu\text{m}$
Cable cutoff wavelength	: $\leq 1260 \text{nm}$
Attenuation (Max.)	: @1310nm $\leq 0.4 \text{dB/km}$
	: @1550nm $\leq 0.3 \text{dB/km}$
Macro-Bending Loss	: @1turnx10mm radius @1550nm: $\leq 0.75 \text{dB}$
	: @1turnx10mm radius @1625nm: $\leq 1.5 \text{dB}$

FTTH Drop Cable

Cable Specifications

Fiber Count	: 1 ~ 4F
Parallel strength Member Dimension	: 0.5mm
Parallel strength Member Material	: FRP
Additional Strength Member (Applicable for Outdoor)	: Steel rod
Jacket Dimension	: 3.0±0.1mm x 2.0±0.1mm
Jacket Material	: LSZH

Mechanical Specifications

Tension Long Term	: 300N
Tension Short Term	: 600N
Crush Long Term	: 1000N/100mm
Crush Short Term	: 2200N/100mm
Minimum bend radius (Dynamic)	: 60D (mm)
Minimum bend radius (Static)	: 30D (mm)

Environmental Specifications

Installation Temperature	: -20°C to +60°C
Operating Temperature	: -20°C to +70°C
Storage Temperature	: -20°C to +70°C

Ordering Information

Product Code	Description
80C00-000X	FTTH Drop Cable C: 0 - Indoor, 1 - Outdoor X: 1 - 1F, 2 - 2F, 4 - 4F