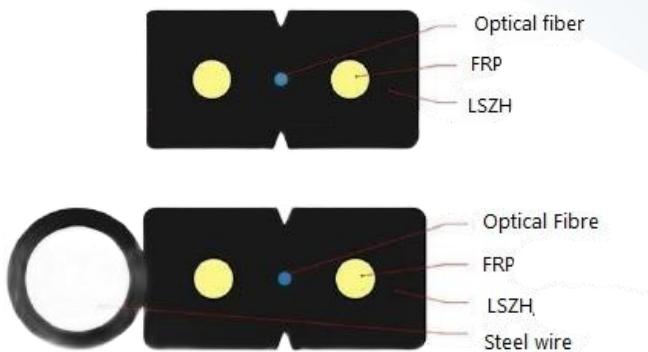


FTTH Drop Cable



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±0.4µm(1310nm)
	:	10.1±0.5 µm(1550nm)
Cladding Diameter	:	124.8±1.0µm
Cladding non-circularity	:	≤0.7%
Core- Cladding Concentricity error	:	≤0.5µm
Coating Diameter	:	245±7µm
Coating non-circularity	:	≤6.0
Coating-Cladding Concentricity error	:	≤12.0µm
Cable cutoff wavelength	:	≤1260nm
Attenuation (Max.)	:	@1310nm ≤0.4dB/km @1550nm ≤0.3dB/km
Macro-Bending Loss	:	@1turnx10mm radius @1550nm: ≤0.75dB @1turnx10mm radius @1625nm: ≤1.5dB

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