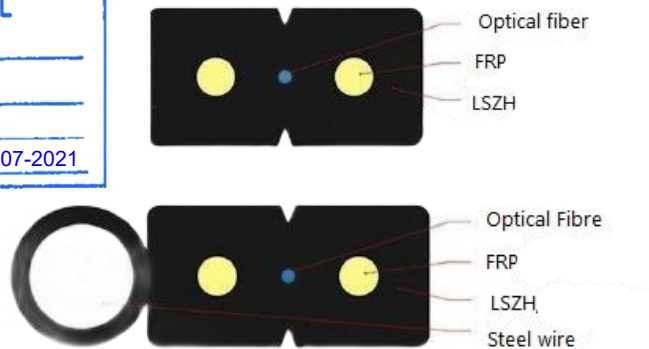


# FTTH Drop Cable



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 ~ 4
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
Jacket Color	:	Black

## Mechanical and Environmental Specifications

Tension Long Term	:	40N
Tension Short Term	:	80N
Crush Long Term	:	500N/10cm
Crush Short Term	:	1000N/10cm
Minimum bend radius (Dynamic)	:	20D (mm)
Minimum bend radius (Static)	:	10D (mm)
Installation Temperature	:	-20 to +60 degree Celsius
Operating Temperature	:	-40 to +70 degree Celsius
Storage Temperature	:	-40 to +70 degree Celsius

## Ordering Information

Product Code	Description
80CDE	FTTH Drop Cable C : 0- Indoor, 1- Outdoor DE : 01-1F, 02-2F, 04-4F