

FTTH Indoor Cable

FTTH indoor cable construction is that the optical fiber unit is positioned in the centre: Two parallel strength members are placed at the two sides: The cable is completed with a LSZH sheath.

Features

- Good crush resistance ensured by parallel strength members
- Low smoke, zero halogen and flame retardant sheath
- Simple structure, light weight and high practicability

Applications

- Simple structure, light weight and high practicability

Technical Specification

Parameter		Value		
Fiber Type		G.657A1		
Mode-Field Diameter(um)		9.0±0.4(1310nm) 10.1±0.5(1550nm)		
Cladding Diameter(um)		124.8±1.0		
Coating Diameter(um)		245±7		
Core-Cladding Concentricity(um)		≤0.6		
Cladding Non-circularity (%)		≤1.0		
Coating-Cladding Concentricity(um)		≤12		
Fiber Core		1	2	4(Ribbon Fiber)
Cable Dimension(mm)		(2.0±0.1)x(3.0±0.1)	(2.0±0.1)x(3.0±0.1)	(2.0±0.1)x(4.0±0.1)
Cable Weight(Kg/Km)		8	8.5	10
Tensile Strength(N)	Short Term	60		
	Long Term	30		
Crush Resistance (N/100mm)	Short Term	1000		
	Long Term	300		
Bending Radius (mm)	Dynamic	30		
	Static	15		
Operating Temperature (°C)		-40 ~ +70		
Storage Temperature(°C)		-40 ~ +70		
Attenuation (dB/km)		≤0.36 (1310nm) ≤0.22 (1310nm)		

Ordering Information

Part Code	Description
3C-FTTHDC-XX	FTTH Indoor Cable / Drop Cable

XX- (01-1 fiber, 02-2 fiber, 04-4 fiber)

