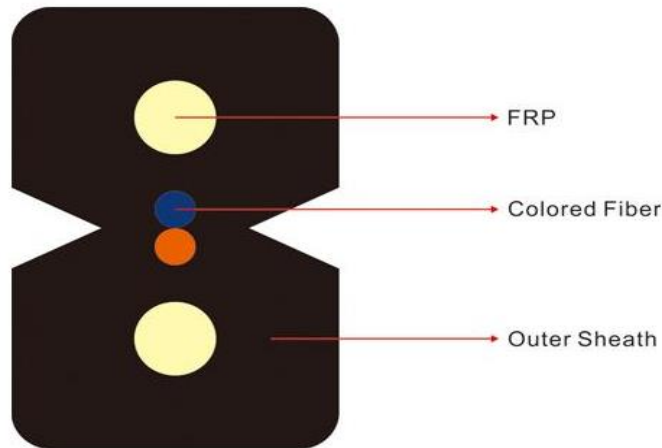


# FTTH Cable



Product Code	Description		
3831-00001	FTTH Cable	9/125;50/125; 62.5/125	1-4 Core

## ·Description

The optical fiber unit is positioned in the centre. Two parallel Fiber Reinforced Plastics (FRP) are placed at the two sides. Then the cable is completed with a black or color LSZH sheath.

## ·Features

- Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property;
- Two parallel FRP strength members ensure good performance of crush resistance to protect the fiber;
- Simple structure, light weight and high practicability;
- Novel flute design, easily strip and splice, simplify the installation and maintenance;
- Low smoke, zero halogen and flame retardant sheath.

## FTTH Cable

### •Optical Characteristics

		G.652	G.655	50/125μm	62.5/125μm
Attenuation (+20°C)	@850nm			≤3.5 dB/km	≤3.5 dB/km
	@1300nm			≤1.5 dB/km	≤1.5 dB/km
	@1310nm	≤0.45 dB/km	≤0.50dB/km		
	@1550nm	≤0.30 dB/km	≤0.50dB/km		
Bandwidth (Class A)	@850nm			≥500 MHz·km	≥200MHZ·km
	@1300nm			≥1000 MHz·km	≥600 MHz·km
Numerical Aperture				0.200±0.015NA	0.275±0.015NA
Cable Cut-off Wavelength λ <sub>cc</sub>		≤1260nm	≤1480nm		

### •Technical Parameters

Fiber Count	Tight diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100cm	Bending Radius Static/Dynamic mm
1	(2.0±0.2)×(3.0±0.2)	8	30/60	300/1000	15/30
2	(2.0±0.2)×(3.4±0.2)	8.5	30/60	300/1000	15/30
3	(2.0±0.2)×(3.8±0.2)	9	30/60	300/1000	15/30
4	(2.0±0.2)×(4.0±0.2)	10	30/60	300/1000	15/30

Storage/Operating Temperature : -20°C to + 60°C