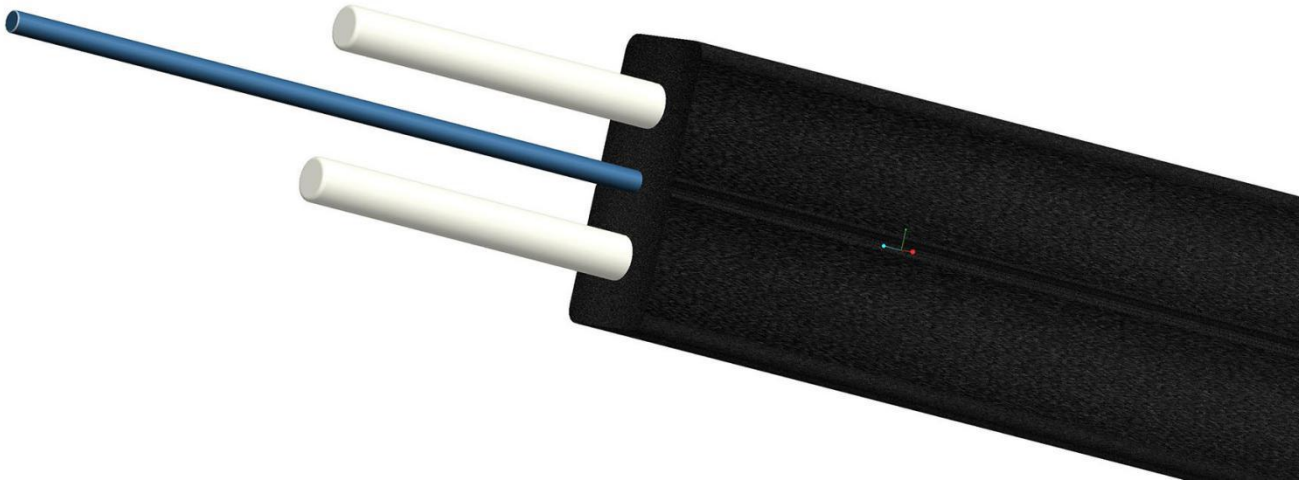
FTTH Indoor Cable



Shenzhen Optostar Optoelectronics Co., Ltd

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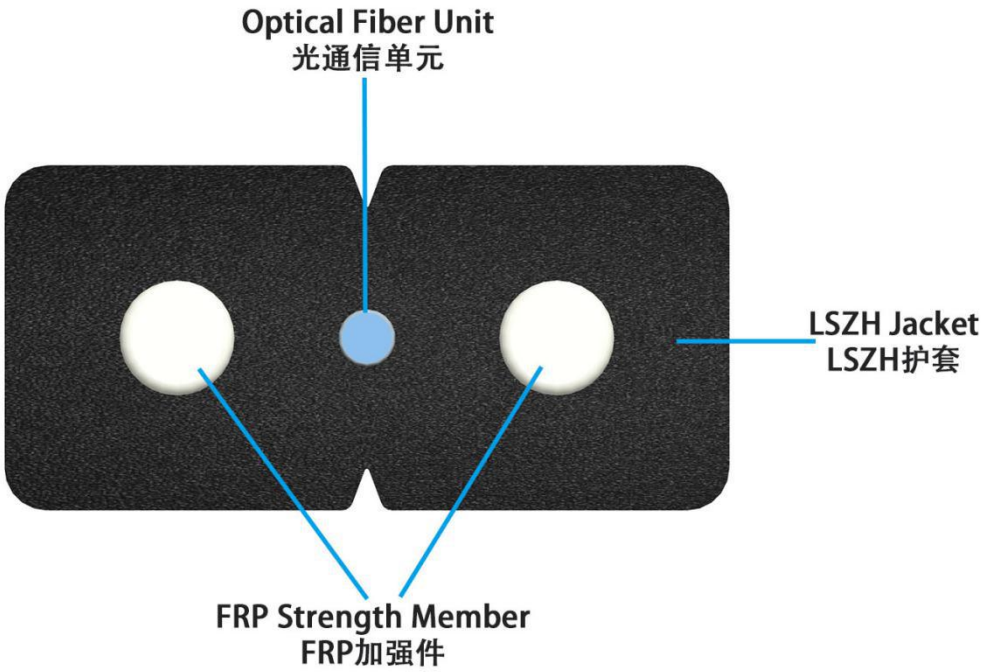
Overview

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.

Product 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.

Product Structure



Optical Characteristics

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

Technical Parameters

Fiber Count	Cable Diameter mm	Cable Weight kg/km	Tensile Strength Long/Short Term N	Crush Resistance Long/Short Term N/100mm	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℃ to + 60℃

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTOSTAR before they become applicable to any particular order or contract. In accordance with the OPTOSTAR policy of continuous improvement specifications may change without notice.

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