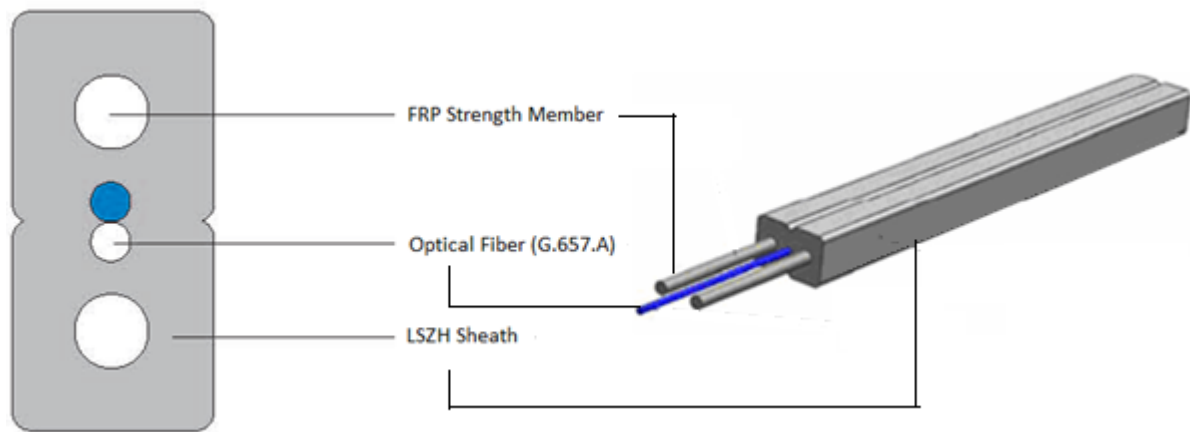


Description

The G.657.A Class optical fibers are positioned in the center of the cable. Two parallel FRP (Fiber Reinforced Plastic) are placed beside to protect the optical fibers and ensure high tensile strength. The cable is completed with LSZH (Low Smoke, Zero Halogen, and Flame-Retardant) sheath to ensure user safety and environmental friendly. This cable special novel groove design provide simple structure, light weight, metal free and made for easily strip and splice, therefore, simplified installation and maintenance.



Suitable Applications

FTTH Networking, Fiber Optic Telecommunication System, Fiber Optic Local Area Network.

Optical Characteristics

Attenuation	1310 nm	≤ 0.35 dB/km
	1383 nm	≤ 0.35 dB/km
	1460 nm	≤ 0.25 dB/km
	1550 nm	≤ 0.21 dB/km
	1625 nm	≤ 0.23 dB/km
Attenuation vs. Wavelength	1285 – 1330 nm	≤ 0.03 dB/km
Max. α differences	1525 – 1575 nm	≤ 0.02 dB/km
Zero Dispersion Wavelength	1300 – 1324 nm	
Zero Dispersion Slope	≤ 0.092 ps/(nm·km)	
Cable Cut Off Wavelength λ_{cc}	≤ 1260 nm	
Mode Field Diameter (PMD)	1310 nm	8.4 – 9.2 μ m
	1550 nm	9.3 – 10.3 μ m

Technical Parameters

Fiber Count	1 – 2
Cable Size, mm	(2.0 ± 0.1) X (3.0 ± 0.1)
Tensile Strength (Long/Short Term), N	40/80
Crush Resistance (Long/Short Term), N/100mm	500/1000
Bending Radius (Static/Dynamic), mm	10 D / 20 D
Storage and Operating Temperature, °C	-20°C to 60°C

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