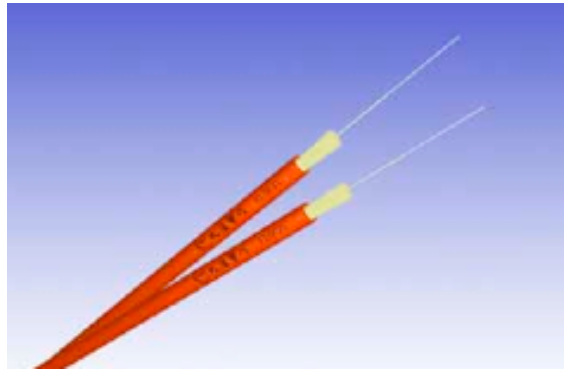


Indoor Optical Fiber Cable



1. Fiber optical cable parameter

Item		Description
Fiber optical		Fiber ITU-T G.657A
		1 core
Fiber strength member	Material	FRP
	Diameter	0.4 mm
Sheath	Material	LSZH
	Color	Black
Fiber optical cable diameter	Height H	3.1±0.2 mm
	Width W	2.0±0.2 mm
Tensile		80N
Min bending radius mm		15
1310nm attenuation	dB/Km	≤ 0.4
1550nm attenuation	dB/Km	≤ 0.3
Crush	N/100mm	1000
Weight	kg/km	9.6

2. Fiber chromatogram

Num	1
Color	Blue

3. Cable printing: MM/YY 1 G.657A TM ××××M

4. G.657A fiber technical specification

Item	Unit	Description
Cladding diameter	um	125±0.7
Cladding non-circularity		≤ 1
Core/clad concentricity error	um	≤ 0.5
Non coloring fiber diameter	um	245±10
1310nm mode field diameter	um	8.6±0.4
1550nm mode field diameter	um	9.5±0.4
Cut-off wavelength λ_{cc}	nm	1260
Zero dispersion wavelength	nm	1300 ~ 1324
Zero dispersion slope	ps/nm ² ·km	≤ 0.092
Φ30mm, 10 turns, at 1550nm macro bend add attenuation	dB	≤ 0.2
Φ30mm, 10 turns, at 1625nm macro bend add attenuation	dB	≤ 0.8
Φ20mm, 1 turns, at 1550nm macro bend add attenuation	dB	≤ 0.75
Φ20mm, 1 turns, at 1625nm macro bend add attenuation	dB	≤ 1.5