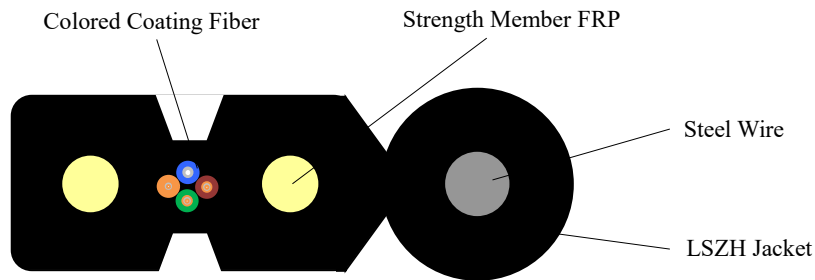


Profile view



Fiber Parameters

No.	Items		Unit	Specification
				G.657A2
1	Mode Field Diameter	1310nm	μm	8.6 ± 0.4
		1550nm	μm	9.6 ± 0.5
2	Cladding Diameter		μm	125.0 ± 0.7
3	Cladding Non-Circularity		%	≤ 0.7
4	Core-Cladding Concentricity Error		μm	≤ 0.5
5	Coating Diameter		μm	245 ± 5
6	Coating Non-Circularity		%	≤ 6.0
7	Cladding-Coating Concentricity Error		μm	< 12.0
8	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm	dB/km	≤ 0.36
		1550nm	dB/km	≤ 0.22
10	Macro-Bending Loss	1turn×7.5mm radius @1550nm	dB	≤ 0.4
		1turn×7.5mm radius @1625nm	dB	≤ 0.8

Cable parameters

Items		Specifications
Fiber Count		4
Colored Coating Fiber	Dimension	250 ± 15µm
	Color	Blue, Orange, Green, Brown
Strength Member	Dimension	0.5 ± 0.2mm
	Material	FRP
Self-Supporting Member	Dimension	1.2mm
	Material	Steel Wire
Jacket	Dimension	5.5 ± 0.2mm × 2.0 ± 0.1mm
	Material	LSZH
	Color	Black

Mechanical and environmental characteristics

Items	Unite	Specifications
Tension (Long Term)	N	300
Tension (Short Term)	N	600
Crush (Long Term)	N/10cm	1000
Crush (Short Term)	N/10cm	2200
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-40~+70
Storage Temperature	°C	-40~+70