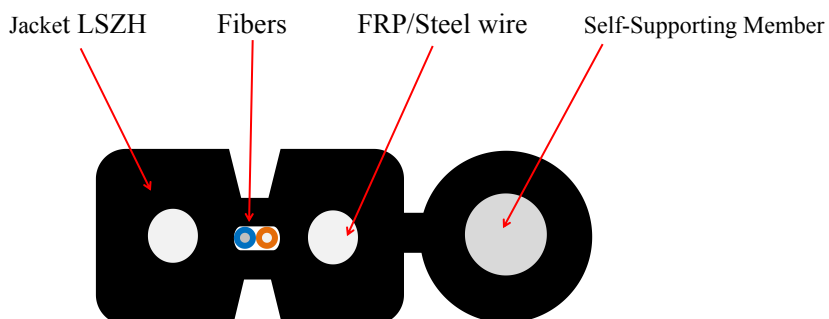


2-Fiber Self-Supporting Covered Wire Cable

Profile View



Fiber Parameters (ITU-G.657.A)

No.	Items		Unit	Specification	
				G.657A1	G.657A2
1	Mode Field Diameter	1310nm	μm	9.2±0.4	9.0±0.4
		1550nm	μm	10.4±0.5	10.2±0.5
2	Cladding Diameter		μm	125±0.7	125±0.7
3	Cladding Non-Circularity		%	≤0.8	≤0.8
4	Core-Cladding Concentricity Error		μm	≤0.6	≤0.6
5	Coating Diameter		μm	247±5	245±5
6	Coating Non-Circularity		%	≤6.0	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0	≤12.0
8	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm	dB/km	≤0.4	≤0.4
		1550nm	dB/km	≤0.3	≤0.3
10	Macro-Bending Loss	1550nm	dB	≤1.5	≤0.75
		1625nm	dB	≤0.75	≤0.5

Cable Parameters

Items		Specifications
Fiber Count		2
Colored Coating Fiber	Dimension	255±10μm
	Color	Blue、Orange
	Material	Anti-UV ink
Strength Member	Dimension	0.45mm×2 /0.5mm×2
	Material	Steel wire/FRP
Self-Supporting Member	Dimension	1.0mm
	Material	Steel wire
Jacket	Dimension	5.0±0.1mm×2.0±0.1mm
	Material	LSZH
	Color	Black
Weight	KM/KG	20KG ± 5%

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	15D
Min. Bend Radius (Static)	mm	10D
Installation Temperature	°C	-20~+60
Operating Temperature	°C	-30~+70
Storage Temperature	°C	-20~+60

Sheath Marking:The outer sheath is marked in 1 meter intervals as follows

FTTH GJYXFCH-*B6a* D2.0*5.0MM YY/MMMM ****M

Delivery Lengths:Standard delivery lengths are 1km, with a tolerance of -1%~+3%

Fibre Count	Drum Length (m)	Drum Size $\Phi \times W$ (mm)	Packing Size L $\times$ W $\times$ H (mm)	Weight (Gross) (kg)	Quantity PCS)
2Fibers	2000	$\Phi 400 \times 350$	1200 $\times$ 1000 $\times$ 1800	1600	36

