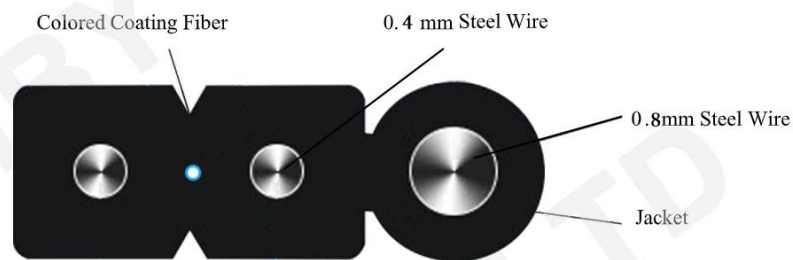




Self-Supporting Covered Wire Cable

Profile View



Profile View

No.	Items		Unit	Specification	Specification	Specification
				G.652D	G.657A1	G.657A2
1	Mode Field Diameter	1310nm	μm	9.2±0.4	9.0±0.4	8.8±0.4
		1550nm	μm	10.4±0.5	10.1±0.5	9.8±0.5
2	Cladding Diameter		μm	124.8±0.7	124.8±0.7	124.8±0.7
3	Cladding Non-Circularity		%	≤0.7	≤0.7	≤0.7
4	Core-Cladding Concentricity Error		μm	≤0.5	≤0.5	≤0.5
5	Coating Diameter		μm	245±5	245±5	245±5
6	Coating Non-Circularity		%	≤6.0	≤6.0	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0	≤12.0	≤12.0
8	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$	$\lambda_{cc} \leq 1260$	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm	dB/km	≤0.4	≤0.35	≤0.35
		1550nm	dB/km	≤0.3	≤0.21	≤0.21
10	Macro-Bending Loss	1turn×10mm radius @1550nm	dB	/	≤0.75	≤0.5
		1turn×10mm radius @1625nm	dB	/	≤1.5	≤1.0



Cable Parameters

Items		Specifications		
Fiber Count		1	2	4
Colored Coating Fiber	Dimension	250±15μm		
	Color	Blue 	Blue、 Orange 	Blue、 Orange、 Green、 Brown 
Jacket	Dimension	(2.0±0.1) mm× (5.0±0.1) mm		
	Material	LSZH		
	Color	Black		
Strength Member		(Steel Wire) 0.8mm*1		
Strength Member		(Steel Wire) 0.4 mm*2		
Cable weight		19.5kg/km		

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	60
Min. Bend Radius (Static)	mm	30
Operating Temperature	°C	-20~+60
Storage Temperature	°C	-20~+60

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