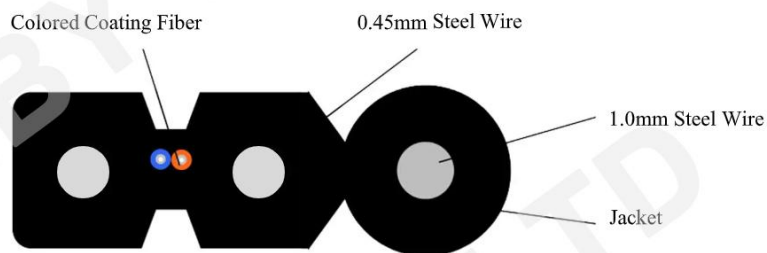




Self-Supporting Covered Wire Cable

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 \times 10mm radius @1550nm	dB	/	≤ 0.75	≤ 0.5
		1turn \times 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) 1.0mm*1		
Strength Member		(Steel Wire) 0.45mm*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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