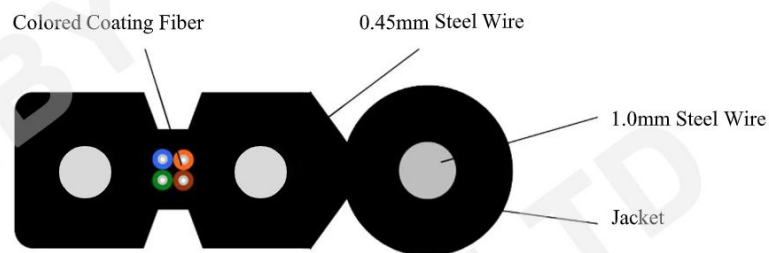




## Self-Supporting Covered Wire Cable

### Profile View




### Profile View

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



## 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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