



1. Fiber Parameters

No.	Items	Unit	Specification	
			G652D	
1	Mode Field Diameter	1310nm	μm	9.2±0.4
		1550nm	μm	10.4±0.5
2	Cladding Diameter	μm	124.8±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	λ _{cc} ≤ 1260	
9	Attenuation(max.)	1310nm	dB/km	≤0.4
		1550nm	dB/km	≤0.3

2. Cable Parameters

Items		Specifications
Fiber Count		24
Tight-buffered Fiber	Dimension	0.6mm±0.05mm
	Material	PVC
	Color	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Purple, Pink, Aqua Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Purple, Pink, Aqua
Spiral Sheathed	Dimension	5.7±0.2mm
	Material	Stainless Steel
	Color	Silvery White
Strength Member		Aramid Yarn
Outer Jacket	Dimension	8.0±0.2mm
	Material	Black
	Color	LSZH

3. Mechanical and Environmental Characteristics

Items	Unit	Specification
Tension (Long Term)	N	250
Tension (Short Term)	N	500
Crush (Long Term)	N/10cm	2000
Crush (Short Term)	N/10cm	3000
Min. Bend Radius (Dynamic)	mm	10D
Min. Bend Radius (Static)	mm	20D
Operating Temperature	°C	-20~+70

Part Numbers

G6IATBSM-24-LSZH

Indoor armored 24core Tight buffer G652D LSZH