



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		12
Tight-buffered Fiber	Dimension	0.6mm±0.05mm
	Material	PVC
	Color	Blue, Orange, Green, Brown, Gray, White Red, Black, Yellow, Purple, Pink, Aqua
Spiral Sheathed	Dimension	3.8±0.1mm
	Material	Stainless Steel
	Color	Silvery White
Strength Member		Aramid Yarn
Outer Jacket	Dimension	6.0±0.1mm
	Material	LSZH
	Color	Black

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-12-LSZH

Indoor armored 12core Tight buffer G652D LSZH