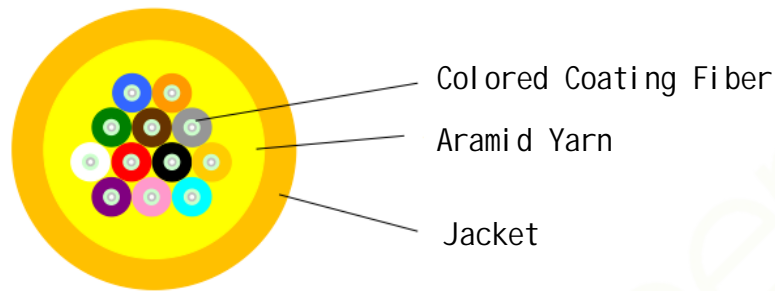


Indoor Fiber Optical Cable Tight Buffered GJFJV Fiber Optic Cable Non-metal SM G657A1 Simplex LSZH

Profile View



Fiber Parameters

No.	Items		Unit	Specification
				G.657A1
1	Mode Field Diameter	1310nm	μm	8.8±0.4
		1550nm	μm	9.8±0.5
2	Cladding Diameter		μm	125±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	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm	dB/km	≤0.35
		1550nm	dB/km	≤0.21
10	Macro-Bending Loss	1turn×10mm radius @1550nm	dB	≤0.75
		1turn×10mm radius @1625nm	dB	≤1.5

Cable Parameters

Items		Specifications
Fiber Count		12
Colored Coating Fiber	Dimension	250μm
	Material	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Purple, Pink, Aqua
Strength Member	Material	Aramid Yarn
Jacket	Dimension	2.9±0.1mm
	Material	OFNP PVC
	Color	Yellow

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension(Long Term)	N	110
Tension (Short Term)	N	370
Crush (Long Term)	N/10cm	100
Crush (Short Term)	N/10cm	500
Min. Bend Radius (Dynamic)	mm	47D
Min. Bend Radius (Static)	mm	30D
Operating Temperature	°C	-20~+60
Storage Temperature	°C	-20~+60