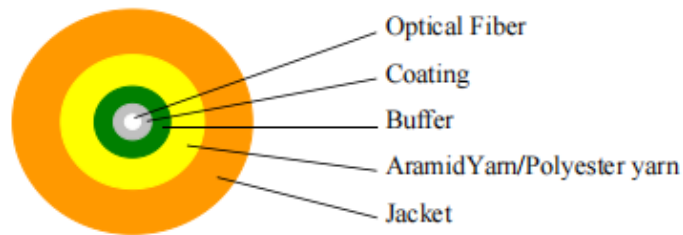


Indoor Fiber Optic Cable GJFJV 2.0mm 3.0mm Simplex G657 G655 Single Mode Multimode LSZHPVC

Profile View



Fiber Parameters

SM

No.	Items		Unit	Specification	Specification	Specification
				G.652D	G.657A1	G.657A2
1	Mode Field Diameter	1310nm	μm	9.1±0.4	8.8±0.4	8.8±0.4
		1550nm	μm	10.4±0.5	9.8±0.5	9.8±0.5
2	Cladding Diameter		μm	125±1	125±0.7	125±0.7
3	Cladding Non-Circularity		%	≤1	≤0.7	≤0.7
4	Core-Cladding Concentricity Error		μm	≤0.6	≤0.5	≤0.5
5	Coating Diameter		μm	245±7	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	≤0.34	≤0.35	≤0.35
		1550nm	dB/km	≤0.2	≤0.21	≤0.21
10	Macro-Bending Loss	1turn×10mm radius @1550nm	dB	/	≤0.75	≤0.1
		1turn×10mm radius @1625nm	dB	/	≤1.5	≤0.2
		1turn×7.5mm radius @1550nm	dB	/	/	≤0.2
		1turn×7.5mm radius @1625nm	dB	/	/	≤0.5

MM

No.	Items		unit	Specification				
				62.5/125	50/125	OM3-150	OM3-300	OM4
1	Core Diameter		μm	62.5±2.5	50±2.5	50±2.5	50±2.5	50±2.5
2	Cladding Diameter		μm	125±1.0	125±1.0	125±1.0	125±1.0	125±1.0
3	Core Non-Circularity		%	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0
4	Cladding Non-Circularity		%	≤1.0	≤1.0	≤1.0	≤1.0	≤1.0
5	Core-Cladding Concentricity Error		μm	≤1.5	≤1.5	≤1.0	≤1.0	≤1.0
6	Coating Diameter		μm	245±7	245±7	245±7	245±7	245±7
7	Coating Non-Circularity		%	≤6.0	≤6.0	≤6.0	≤6.0	≤6.0
8	Cladding-Coating Concentricity Error		μm	≤12.0	≤12.0	≤12.0	≤12.0	≤12.0
9	OFL Bandwidth	850nm	MHz·km	≥160	≥500	≥700	≥1500	≥3500
		1300nm	MHz·km	≥500	≥500	≥500	≥500	≥500
10	Attenuation Coefficient	850nm	dB/km	≤3.0	≤2.5	≤2.3	≤2.3	≤2.3
		1300nm	dB/km	≤0.8	≤0.7	≤0.6	≤0.6	≤0.6

Cable Parameters

Items		Specifications
Fiber Type		SM/MM
Fiber Count		1
Tight-buffered Fiber	Dimension	850±50μm
	Material	PVC
	Color	Customize according to customer
Jacket	Dimension	2.0±0.1mm
	Material	LSZH
	Color	Customize according to customer

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Crush (Long Term)	N/10cm	100
Crush (Short Term)	N/10cm	500
Min. Bend Radius (Dynamic)	mm	50
Min. Bend Radius (Static)	mm	30
Operating Temperature	°C	-20~+60
Storage Temperature	°C	-20~+60