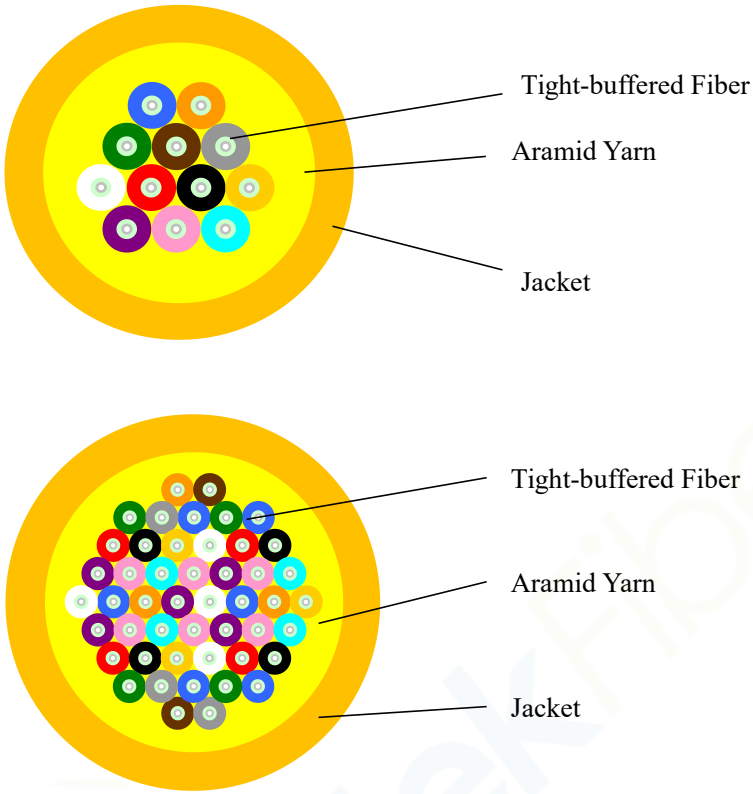
Indoor Distribution Fiber Optic Cable GJFJV 2-24 Cores Central Tube 0.9mm 0.6mm Aramid Yarn LSZH

Profile View



Fiber Parameters

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	λ_{cc}≤1260	λ_{cc}≤1260	λ_{cc}≤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

Cable Parameters

Items		Specifications						
Fiber Count		4	6	8	12	16	24	32
Tight-buffered Fiber	Dimension	850±50μm						
	Material	PVC						
	Color	Blue、Orange、Green、Brown、Gray、White、Red、Black、黄 Yellow、Purple、Pink、Aqua						
Strength Member		Aramid Yarn						
Outer Jacket	Dimension	5.0mm	5.2mm	5.5mm	6.2mm	7.5mm	8.2mm	9.5mm
	Material	LSZH						
	Color	Black						

Mechanical and Environmental Characteristics

Items	Specifications						
Fiber Count	4	6	8	12	16	24	32
Tension（Long Term）/ N	150	150	150	300	300	300	300
Tension（Short Term）/ N	300	300	300	600	600	600	600
Crush（Long Term）/ N/10cm	200	200	200	200	200	200	200
Crush（Short Term）/ N/10cm	1000	1000	1000	1000	1000	1000	1000
Min. Bend Radius（Dynamic）/ mm	20D	20D	20D	20D	20D	20D	20D
Min. Bend Radius（Static）/ mm	10D	10D	10D	10D	10D	10D	10D
Installation Temperature/℃	-20～+60						
Operating Temperature/℃	-20～+60						