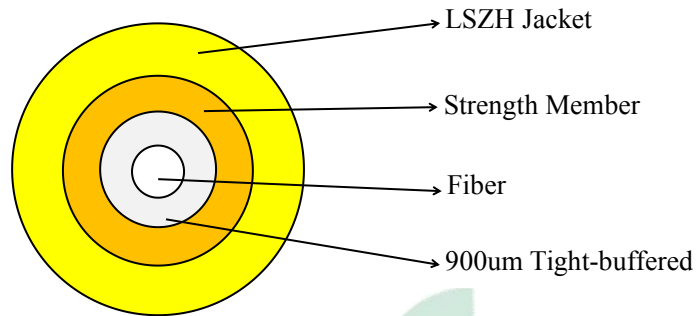


GJFJH/V/U

Single Core Parallel Indoor Cable

Profile View



Fiber Parameters

No.	Items		Unit	Specification				
				SM	OM1	OM2	OM3	OM4
1	Mode Field Diameter / Core Diameter		μm	9.2 $\pm$ 0.4	62.5 $\pm$ 2.5	50 $\pm$ 2.5	50 $\pm$ 2.5	50 $\pm$ 2.5
				10.4 $\pm$ 0.5				
2	Cladding Diameter		μm	125.0 $\pm$ 0.7	124.8 $\pm$ 0.7	124.8 $\pm$ 0.7	124.8 $\pm$ 1.0	124.8 $\pm$ 1.0
3	Cladding Non-Circularity		%	$\leq$ 0.8	$\leq$ 0.7	$\leq$ 0.7	$\leq$ 1.0	$\leq$ 1.0
4	Core-Cladding Concentricity Error		μm	$\leq$ 0.6	$\leq$ 0.5	$\leq$ 0.5	$\leq$ 1.5	$\leq$ 1.5
5	Coating Diameter		μm	247 $\pm$ 5	245 $\pm$ 5	245 $\pm$ 5	245 $\pm$ 7	245 $\pm$ 7
6	Coating Non-Circularity		%	$\leq$ 6.0	$\leq$ 6.0	$\leq$ 6.0	$\leq$ 6.0	$\leq$ 6.0
7	Cladding-Coating Concentricity Error		μm	$\leq$ 12.0	$\leq$ 12.0	$\leq$ 12.0	$\leq$ 12.0	$\leq$ 12.0
8	Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$	/	/	/	/
9	Attenuation(max.)	1310nm	dB/km	$\leq$ 0.35	/	/	/	/
		1550nm		$\leq$ 0.22	/	/	/	/
10	Attenuation Coefficient	850nm	dB/km	/	$\leq$ 2.5	$\leq$ 2.7	$\leq$ 2.5	$\leq$ 2.5
		1300nm		/	$\leq$ 0.7	$\leq$ 0.6	$\leq$ 0.6	$\leq$ 0.6
11	OFL Bandwidth	850nm	MHz·km	/	/	/	$\geq$ 1500	$\geq$ 3500
		1300nm	MHz·km	/	/	/	$\geq$ 500	$\geq$ 500
12	Effective Modal Bandwidth	850nm	MHz·km	/	/	/	$\geq$ 2000	$\geq$ 4700
		1300nm	MHz·km	/	/	/	$\geq$ 500	$\geq$ 500



FURONG CABLE CO., LTD.

Cable Parameters

Items		Specifications					
Fiber Type		SM/MM					
Fiber Count		1					
Tight-buffered Fiber	Material	PVC/LSZH					
	Color	Blue	Orange	Green	Brown	Grey	White
		Red	Black	Yellow	Purple	Pink	Aqua
Jacket	Material	LSZH / PVC / TPU					
	Color	Blue	Orange	Green	Brown	Grey	White
		Red	Black	Yellow	Purple	Pink	Aqua

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension(Long Term)	N	40
Tension (Short Term)	N	80
Crush (Long Term)	N/10cm	100
Crush (Short Term)	N/10cm	200
Min. Bend Radius (Dynamic)	mm	20D
Min. Bend Radius (Static)	mm	10D
Operating Temperature	℃	-20~+60
Storage Temperature	℃	-20~+60

Packing Standard delivery lengths are 1km,2km, 3km, 4km,5km, with a tolerance of -1%~+3%

Fiber Count	Cable diameter(mm)	Tight-buffered diameter (mm)	Drum Length (m)	Weight (Net) (kg)	Weight (Gross) (kg)	Packing Size L×W ×H(m)
1	1.6	0.6 / 0.9	3000	8.5	11	0.3×0.3×0.3
	2.0	0.6 / 0.9	3000	10	12.5	0.3×0.3×0.3
	2.4	0.6 / 0.9	3000	15	17.5	0.3×0.3×0.3
	3.0	0.6 / 0.9	3000	20.2	23	0.4×0.4×0.35