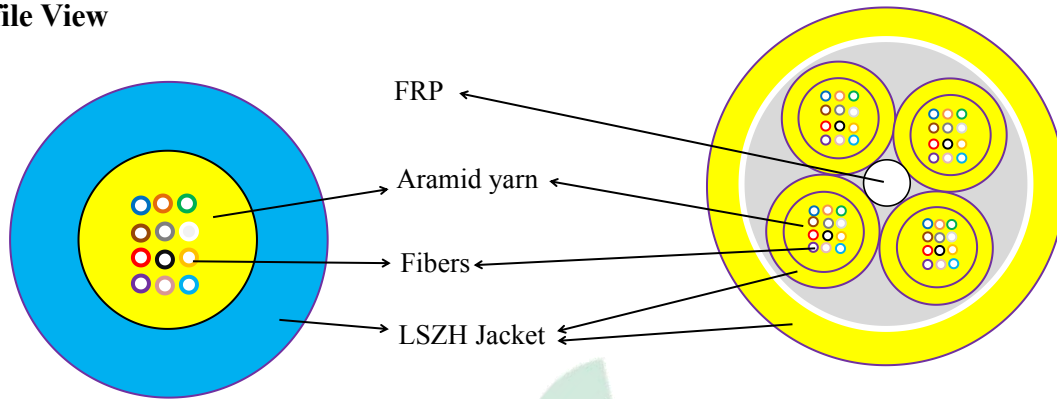


GJFH

Mini 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	$\leq$ 0.4	/	/	/	/
		1550nm		$\leq$ 0.3	/	/	/	/
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					
Coating optical fibers	Material	PVC/LSZH					
	Color	Blue	Orange	Green	Brown	Grey	White
		Red	Black	Yellow	Purple	Pink	Aqua
		13#-24# with black ring marks at intervals of 100mm					
Jacket	Material	LSZH					
	Strength Member	Aramid yarn					
	Color	Blue	Orange	Green	Brown	Grey	White
		Red	Black	Yellow	Purple	Pink	Aqua

Mechanical and Environmental Characteristics

Items	Unite	Specifications
Tension(Long Term)	N	40~300
Tension (Short Term)	N	100~1000
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)	Drum Length (m)	Weight (Net). (kg)	Tension (Long Term)	Tension (Short Term)
8/12	1.9±0.1	1000	3.2	40	100
16/24	2.9±0.1	1000	6.8	80	200
48	9.0±0.5	1000	65	200	600
72	11.2±0.5	1000	125	200	600
96	13.5±0.5	1000	178	300	1000
144	17.5±0.5	1000	280	300	1000