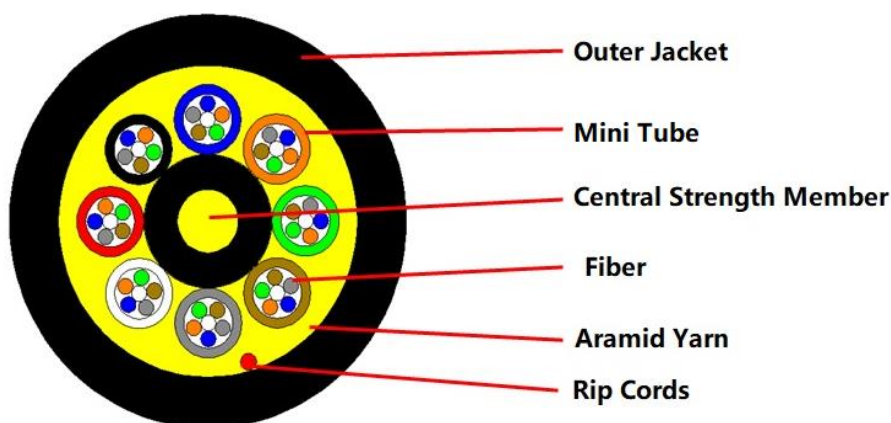


1. Cable Structure



CABLE STRUCTURE AND PARAMETERS:

Physical Parameters	Cable Model	GJYFTZY-48B6A2
	Fiber Count	48
	Fiber Type	SM G.657A2 9/125μm
	Cable Outer Diameter(O.D.)	7.2mm
	Cable Weight	55KG/KM
	Mini Tube Diameter	1.16mm
	Outer Sheath Thickness	0.8mm
	Operating temperature range	-40°C to +60°C
	Storage / Transport temperature range	-50°C to +70°C
	Installation temperature range	-30°C to +50°C
Mechanical Parameters	Tensile Strength (Long Term)	400N
	Tensile Strength (Short Term)	700N
	Crush Resistance (Long Term)	300N/100mm
	Crush Resistance (Short Term)	1000N/100mm
	Bending Radius(Short Term)	20×O.D.
	Bending Radius(Long Term)	10×O.D.

2. Color Code of Optical Fiber

2.1 Fiber Color Arrangement

Fiber No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Grey	White

2.2 Mini Tube(MT) and Filler Rod(FR) Color Arrangement

MT No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Grey	White

MT No.	7	8	9	10	11	12
Color	Red	Black	N.A.	N.A.	N.A.	N.A.

Note) Color code may be changed upon customer's request

3. Fiber Specifications

Fiber Type		G.652D	G.657A	OM1	OM2	OM3-150	OM3-300	OM4
		9/125μm	9/125μm	62.5/125μm	50/125μm	50/125μm	50/125μm	50/125μm
Attenuation (dB/km)	850nm	/	/	3.00	3.00	3.00	3.00	3.00
	1300nm	/	/	1.00	1.00	1.00	1.00	1.00
	1310nm	0.36	0.36	/	/	/	/	/
	1550nm	0.22	0.22	/	/	/	/	/
OFL	850nm	/	/	≥200	≥500	≥700	≥1000	≥3500
Bandwidth (MHZ·KM)	1300nm	/	/	≥500	≥500	≥500	≥500	≥500
Effective Modal Bandwidth (MHZ·KM)	850nm	/	/	/	/	≥950	≥2000	≥4700
Application Support	Gigabit Ethernet LX 1300nm	/	/	550	550	550	550	550
Distance on (m)	Gigabit Ethernet SX 850nm	/	/	275	550	750	800	880
	10 Gigabit Ethernet SX 850nm	/	/	33	82	150	300	550
	40G/100G Ethernet SX 850nm	/	/	/	/	/	100	150
Min. Bending Radius (mm)		30	10	30	30	30	30	30