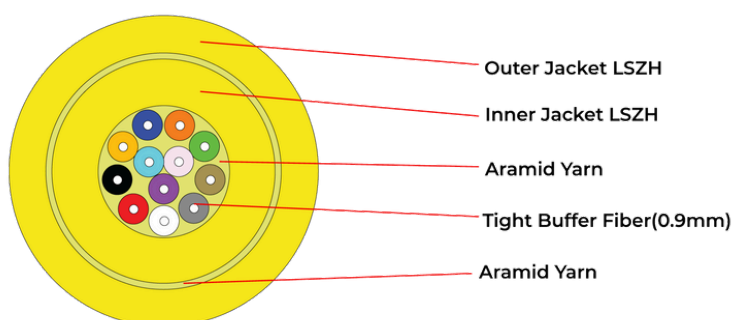


FIBRA ÓPTICA GYJFJZ-12B1.3 LSZH 8KN

1.- Cable Structure

SINGLEMODO 9/125μm G.652D



Cable Diameter: 9.9MM Weight: 89KG/KM

CABLE STRUCTURE AND PARAMETERS:

Physical Parameters	Fiber Count	12
	Fiber Type	SM G.652D 9/125μm
	Cable Outer Diameter(O.D.)	10.2mm
	Cable Weight	94KG/KM
	Outer Sheath Thickness	1.4mm
	Outer Sheath Material	LSZH
	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	4000N
	Tensile Strength Short Term	8000N
	Crush Resistance	1000N/100mm
	Bending Radius(Short Term)	20×O.D.
	Bending Radius(Long Term)	10×O.D.

Notes:

1. The nominal sheath thickness may vary by $\pm 0.2\text{mm}$.
2. The nominal outer diameter and weight may vary by $\pm 0.2\text{mm}$.

2.- Color Code of Optical Fiber

1. Color Code of Optical Fiber (Comply with IEC-793-2 and TIA/EIA-598-A Standard)

Fiber No.	1	2	3	4	5	6	7	8	9	10	11	12
Color	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua

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 Bandwidth (MHZ·KM)	850nm	/	/	≥200	≥500	≥700	≥1000	≥3500
	1300nm	/	/	≥500	≥500	≥500	≥500	≥500
Effective Modal Bandwidth (MHZ·KM)	850nm	/	/	/	/	≥950	≥2000	≥4700
Application Support Distance on (m)	Gigabit Ethernet LX 1300nm	/	/	550	550	550	550	550
	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

Mod: 21-07-2025