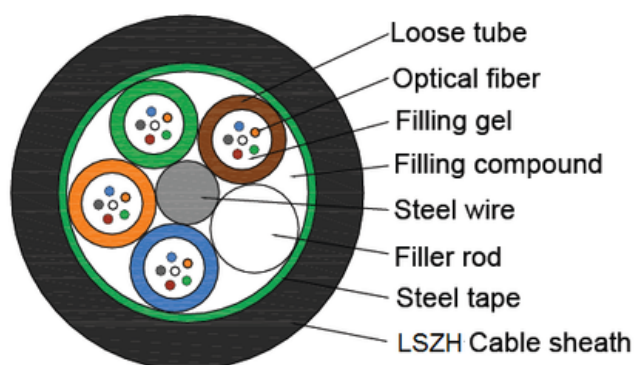


FIBRA ÓPTICA GYTZS-48B1.3 LSZH

1.- Cable Structure

SINGLEMODO G.652D



CABLE STRUCTURE AND PARAMETERS:

Physical Parameters	Cable Model	GYTZS-48B1.3
	Fiber Count	48
	Fiber Type	SM G.652D 9/125μm
	Cable Outer Diameter(O.D.)	9.5mm
	Cable Weight	96KG/KM
	Outer Sheath Thickness	1.6mm
	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)	600N
	Tensile Strength (Short Term)	1500N
	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.

Note: The test procedure comply the Standard EIA-TIA-455 and IEC 60793/IEC 60794.

1.- Color Code of Optical Fiber

1.- Fiber Color Arrangement

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

2.- Loose Tube(LT) and Filler Rod(FR) Color Arrangement

Tube No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	FR	FR

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: 23-12-2024