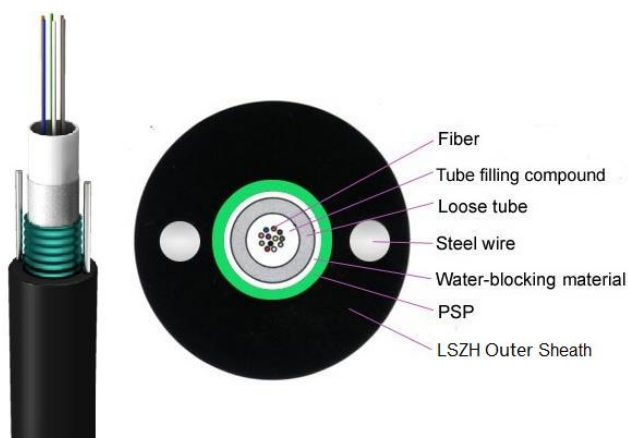


1. Cable Structure



CABLE STRUCTURE AND PARAMETERS:

Physical Parameters	Cable Model	GYXTZW-12B1.3
	Fiber Count	12
	Fiber Type	SM G.652D 9/125μm
	Cable Outer Diameter (O.D.)	7.8mm
	Cable Weight	75KG/KM
	Outer Sheath Thickness	2.0mm
	Operating temperature range	-40℃ to +60℃
	Storage / Transport temperature range	-50℃ to +70℃
	Installation temperature range	-30℃ to +50℃
Mechanical Parameters	Tensile Strength Long Term	900N
	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.

2. Color Code of Optical Fiber

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

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

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