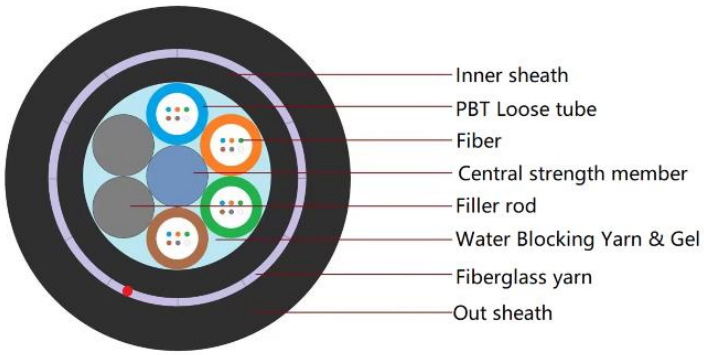
FIBRA ÓPTICA GYFTZY83 - 24B1.3 LSZH SINGLEMODO G.652D

1. Cable Structure



CABLE STRUCTURE AND PARAMETERS:

Physical Parameters	Cable Model	GYFTZY83-24B1.3 LSZH
	Fiber Count	24
	Fiber Type	SM G.652D 9/125μm
	Cable Outer Diameter (O.D.)	10.8mm
	Cable Weight	107KG/KM
	Inner/Outer Sheath Thickness	0.8/1.7mm
	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	1200N
	Tensile Strength Short Term	2000N
	Crush Resistance Long Term	1000N/100mm
	Crush Resistance Short Term	2000N/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 60793-1/IEC 60794-1.

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 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

The Performance of Optical Fiber (ITU-T Rec. G.652D)

Category	Description	Specifications	
		Before cabling	After cabling
Optical Specifications	Attenuation@1310 nm	≤0.34db/km	≤0.36db/km
	Attenuation@1550 nm	≤0.20db/km	≤0.22db/km
	Zero Dispersion Wavelength	1300~1324nm	
	Zero Dispersion Slope	≤0.092ps/(km^2.nm)	
	Chromatic Dispersion@1285~1330nm @1550nm	≤03.5ps/(km.nm) ≤18ps/(km.nm)	
	Cable Cutoff Wavelength(λCC)	≤1260nm	
	PMD	≤0.2PS/km$^{1/2}$	
	Macro bending 1000tums.Φ75mm @1330nm 1000tums.Φ75mm@1550nm	 ≤0.5db ≤0.1db	
	Mode Field Diameter @1330nm	9.2±0.4μm	
Dinmensional Specifications	Cladding Diameter	125±1μm	
	Mode Field concentricity error	≤0.6μm	
	Cladding Non-Circularity	≤1%	
Mechanical Specification	Fiber proof test	≥1%	