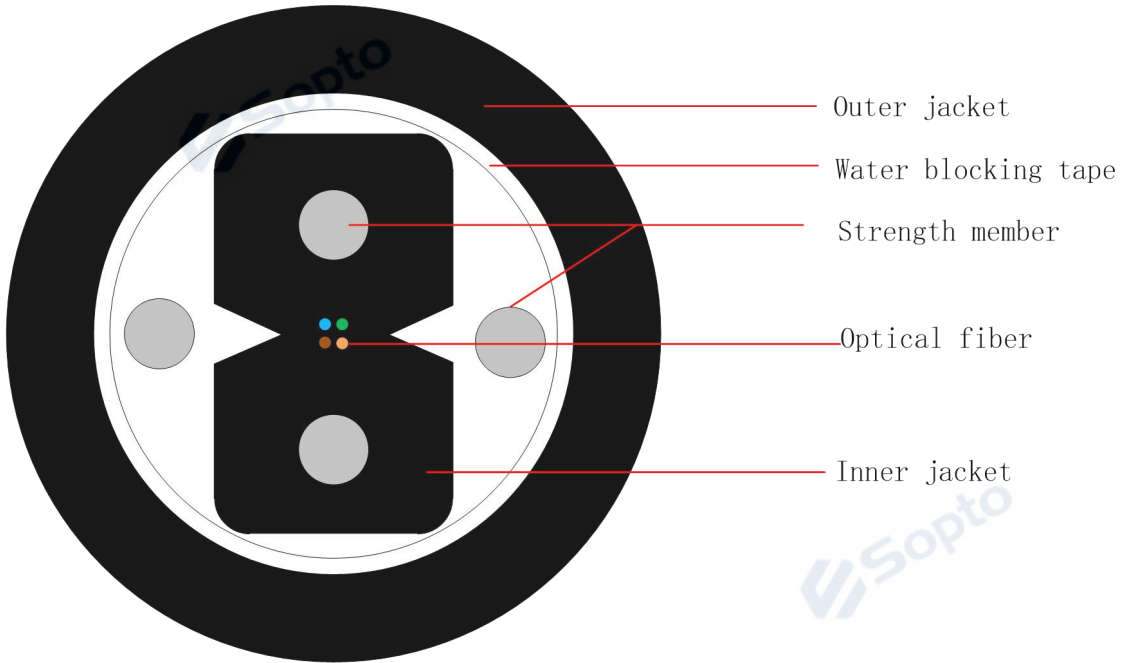




GJYXH03

Cross Section of Cable



Optical Fiber Type and Properties

Item	Unit	Specification
Fiber Type		G.652
Mode field diameter	1310nm	9.2 ± 0.4
	1550nm	10.4 ± 0.8
Cladding diameter	μm	125.0 ± 1
Cladding non-circularity	%	≤ 1.0
Core concentricity error	μm	≤ 0.5
Coating diameter	μm	242 ± 7
Coating/cladding concentricity error	μm	≤ 12
Cable cut-off wavelength	nm	≤ 1260



Attenuation Coefficient	1310nm	dB/km	≤0.4
	1550nm	dB/km	≤0.3
Proof stress level		kpsi	≥100

Note: Other parameters meet standard ITU-T G.652

Dimensions of Cable Constructions

Item		Parameters
Fiber	Color	Full color spectrum
	Number of cores	4B1
Strength member	Material	Phosphating steel wire
Inner jacket	Material	LSZH (Oxygen index ≥25%)
	Color	Black
Cable inner diameter (mm)		2.0±0.1*3.0±0.1
Outer jacket	Material	MDPE
	Color	Black
Cable outer diameter (mm)		5.8±0.3
Min. bending radius (Rip off the messenger wire)	Static	10D
	Dynamic	20D
Tensile performance	Short term	400N
Crush	Short term	1000N/100mm

Working Condition

Item	Standard	Parameters
Operation temperature	IEC 60794-1-2 F1	-5℃~+50℃

Drum



Cable type	Drum				
	Height (mm)	Width (mm)	Inner diameter (mm)	Length (km)	Drum type
GJYXH03-4B1	650	760	350	3	Plywood wood plate

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