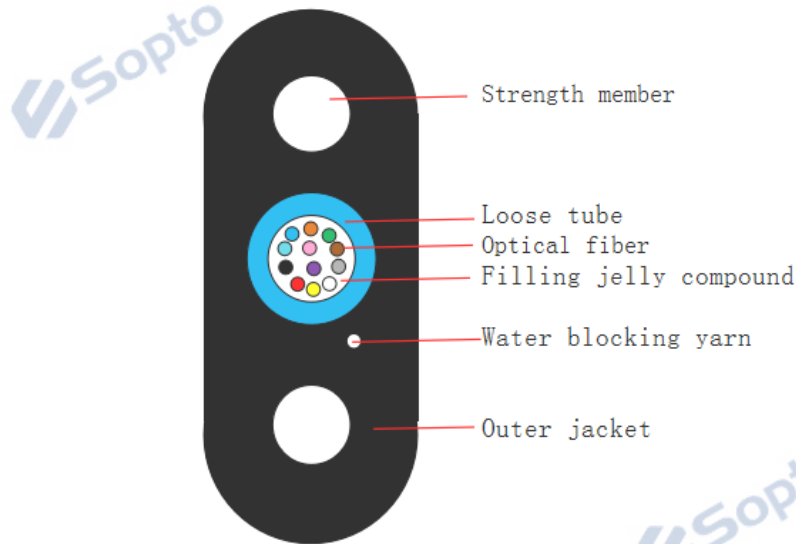


# GJYFXTCBY

## Cross Section of Cable



## Optical Fiber Type and Properties

Item		Unit	Specification
Fiber Type			G.657A2
Mode field diameter	1310nm	μm	8.6-9.5 ± 0.4
Cladding diameter		μm	125.0 ± 0.7
Cladding non-circularity		%	≤1.0
Core concentricity error		μm	≤0.5
Coating diameter		μm	245 ± 5
Coating/cladding concentricity error		μm	≤12
Cable cut-off wavelength		nm	≤ 1260
Attenuation Coefficient	1310nm	dB/km	≤0.4



	1550nm	dB/km	≤0.3
Macro-bend loss (1 turn,7.5mm radius)	1550nm	dB/km	≤0.5
	1625nm	dB/km	≤1.0
Proof stress level		kpsi	≥100

Note: Other parameters meet standard ITU-T G.657

## Dimensions of Cable Constructions

Item		Parameters			
Loose tube	Material	PBT			
Fiber	Color	Full color spectrum			
	Number of cores	2B6a2	4B6a2	6B6a2	12B6a2
Strength member	Material	FRP			
Outer jacket	Material	MDPE			
	Color	Black			
Cable diameter (mm)		4.3±0.4*8.0±0.4			
Min. bending radius		76mm			
Tensile performance	Short term	1335N			
Crush	Short term	1000N/100mm			

## Working Condition

Item	Standard	Parameters
Operation temperature	IEC 60794-1-2 F1	-20℃~+60℃



## Drum

Cable type	Drum		
	Height	Width	Inner diameter
GJYFXTCBY -2B6a2	650mm	570mm	350mm
GJYFXTCBY -4B6a2	650mm	570mm	350mm
GJYFXTCBY -6B6a2	650mm	570mm	350mm
GJYFXTCBY -12B6a2	650mm	570mm	350mm

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