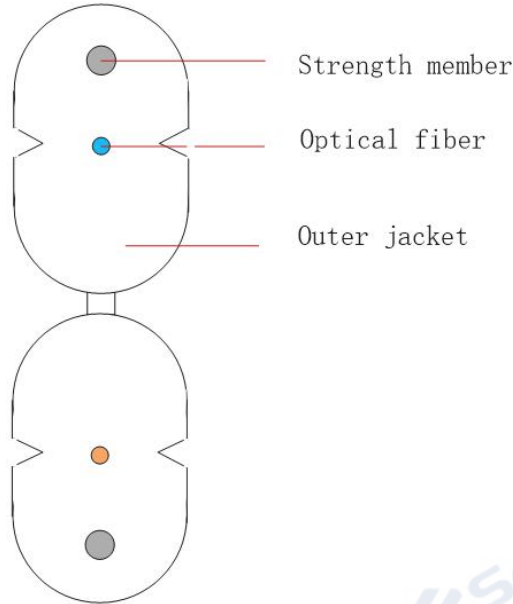


GJXH

Cross section of cable



Optical fiber type and properties

Item		Unit	Specification
			G. 657A1
Mode field diameter	1310nm	μm	8.6-9.5 ± 0.4
Cladding diameter		μm	125.0 ± 0.7
Cladding non-circularity		%	≤1.0
Core/cladding 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, 10mm radius)	1550nm	dB/km	≤0.75
	1625nm	dB/km	≤1.5
Proof stress level		kpsi	≥100

Other parameters meet standard ITU-T G.657



Item		Unit	Specification
			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/cladding 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

Other parameters meet standard ITU-T G.657

Item		Unit	Specification
			G. 652
Mode field diameter	1310nm	μm	9.2 ± 0.4
	1550nm	μm	10.4 ± 0.8
Cladding diameter		μm	125.0 ± 1
Cladding non-circularity		%	≤1.0
Core/cladding 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

Other parameters meet standard ITU-T G.652

Cable performance

Item	Parameters	
Fiber	Color	All colors display
	Number of cores	2
Strength member	Material	Phosphating steel wire
Outer jacket	Material	LSZH(Oxygen index≥25%)
	Color	White
2.0±0.1*3.0±0.1		

Cable diameter (Rip off the messenger wire) (mm)		
Min. bending radius	Static	15mm
	Dynamic	30mm
Tensile performance	Short term	200N
Crush	Short term	2200N/100mm

Working condition

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

Drum

(Cable type)	Drum				
	Height (mm)	Width (mm)	Inner diameter (mm)	Length (km)	Drum type
GJXH	450	300	150	2	Plywood wood drum

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