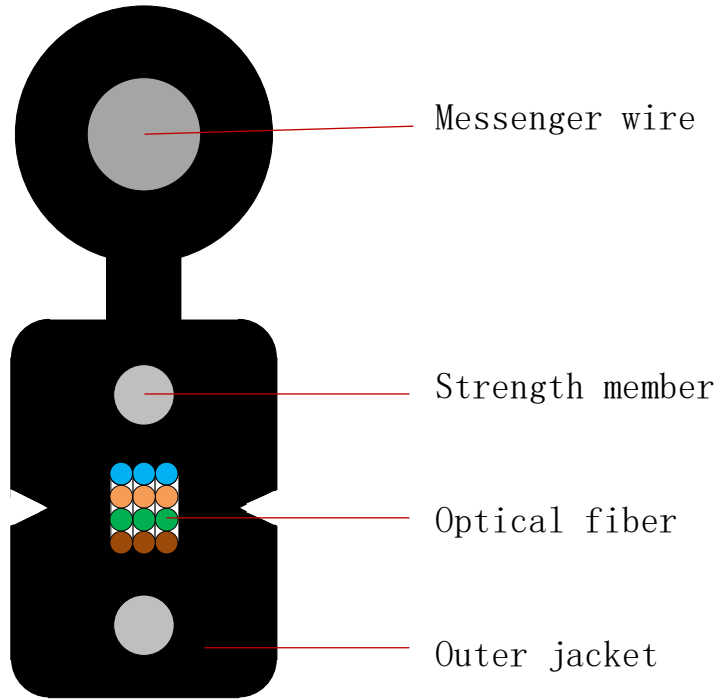




# GJYXDCH

## 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/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

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

## Dimensions of Cable Constructions

Item		Parameters
Fiber	Color	Blue Orange Green Brown
	Number of cores	12
Strength member	Material	Phosphating steel wire
	Diameter(mm)	0.4
Messenger wire	Material	Phosphating steel wire
	Diameter(mm)	0.9
Outer jacket	Material	LSZH (Oxygen index ≥25%)
	Color	Black
Cable diameter (Rip off the messenger wire) (mm)		$2.5 \pm 0.2 * 4.0 \pm 0.2$
Min. bending radiu (Rip off the messenger wire)	Static	10D
	Dynamic	20D
Tensile performance	Short term	600N
Crush	Short term	2200N/100mm

## Working Condition

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

Cable type	Drum				
	Height (mm)	Width (mm)	Inner diameter (mm)	Length(km)	Drum type
GJYXDCH	470	300	150	2	Plywood wood drum

E-mail: [info@sopto.com.cn](mailto:info@sopto.com.cn)

Web : <http://www.sopto.com.cn>