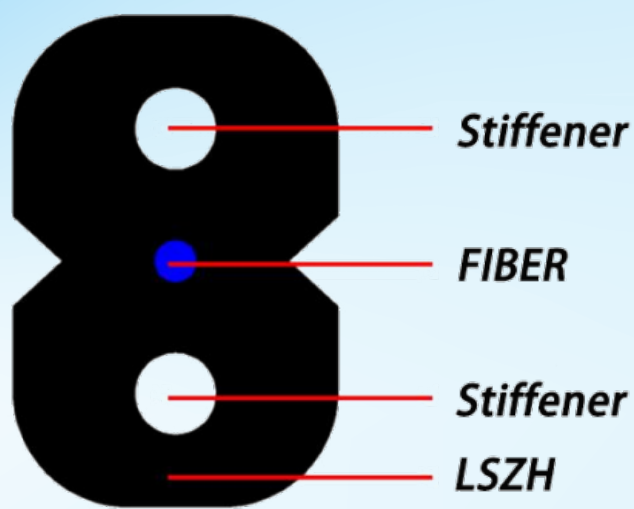


## Cable Specification

Optical cable type: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
10mm 1	1550nm	dB/km	<0.75
Macro-bend loss (1 turn, 10mm radius)	1625nm	dB/km	<1.5
Proof stress level		kpsi	≥100

ITU-T G.657 (Other parameters meet standard ITU-T G.657)

**Cable performance:**

(Item)		(Parameters)
Fiber	Color	Full color spectrum
	Number of cores	1/2/4
Strength member	Material	Phosphating steel wire
	Diameter (mm)	0.4 or 0.45
Outer jacket	Material	LSZH
	Color	White or Black
Cable diameter(mm)		2.0±0.1*3.0±0.1
Min. bending radius	Static	15mm
	Dynamic	30mm
Tensile performance	Short term	200N
Crush	Short term	1000N/100mm
Cable weight (kg/km)	Number of cores	1/2/4
	Weight (kg/km)	9.2

**Working condition:**

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

**Drum:**

(Cable type)	(Drum)				
	Diameter (mm)	High (mm)	Carton size (mm)	Length (km)	type Drum
GJXH-1B6	300	330	350X310X310	2	Plywood wood drum

