

# GJXH Fiber Covered Wire Cable

## Cross Section Of Cable



## Optical Fiber Type And Properties

G6572D	
Mode field diameter	1310nm : $9.2 \pm 0.4\mu\text{m}$ 1550nm : $10.4 \pm 0.8\mu\text{m}$
Cladding diameter	$125.0 \pm 1\mu\text{m}$
Cladding non-circularity	$\leq 1.0\%$
Core/cladding concentricity error	$\leq 0.5\mu\text{m}$
Coating diameter	$242 \pm 7\mu\text{m}$
Coating/cladding concentricity error	$\leq 12\mu\text{m}$
Cable cut-off wavelength	$\leq 1260\text{nm}$
Attenuation Coefficient	1310nm : $\leq 0.4\text{dB/km}$ 1550nm : $\leq 0.3\text{dB/km}$
Proof stress level	$\geq 100\text{kpsi}$

Other parameters meet standard ITU-T G.652

## Cable Performance

Fiber Count	2
Coloredcoating Fiber	Dimension : $250 \pm 15$ Color : Blue
Jacket	Dimension : $(2.0 \pm 0.1) \times (3.1 \pm 0.1) \text{mm}$ Material : LSZH Color : Black



## Mechanical And Environmental Characteristics

Tension(long term)	100N
Tension(short term)	200N
Crush(long term)	1000N/100mm
Crush(short term)	2200N/100mm
Min Bend Radius(Dynamic)	60mm
Min Bend Radius(Static)	30mm

## Environmental Performance

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

## Drum

Cable Type	Drum				
	Height	Width	Height	Length	Drum type
	mm	mm	mm	mm	
GJXH-2B1	400	200	400	2	Plywood wood drum
GJXH-2B1	450	200	450	3	Plywood wood drum