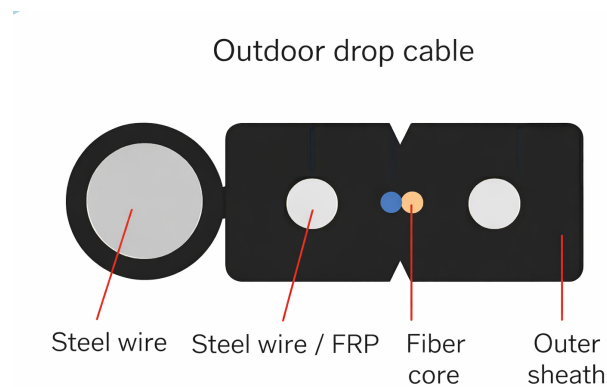


Cable specification

1.(Optical cable type): GJYXFCH

2.(Cross section of cable):



3. (Optical fiber type and properties)

(Item)		Unit	Specification
			G. 652D
Mode field diameter	1310nm	μm	9.2 ± 0.4
Cladding diameter		μm	125.0 ± 1
Cladding non-circularity		%	≤1.0
Coating diameter		μm	245± 10
Coating/cladding concentricity error		μm	≤12.5
Cable cut-off wavelength		nm	≤ 1260
Attenuation Coefficient	1310nm	dB/km	≤0.35
	1550nm	dB/km	≤0.21
Proof stress level		kpsi	≥100

ITU-T G.652 (Other parameters meet standard ITU-T G.652)

(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
Coating diameter		μm	245±5
Coating/cladding concentricity error		μm	≤12
Cable cut-off wavelength		nm	≤ 1260
Attenuation Coefficient	1310nm	dB/km	≤0.36
	1550nm	dB/km	≤0.22
Proof stress level		kpsi	≥100

Note: 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
Coating diameter		μm	245±5
Coating/cladding concentricity error		μm	≤12
Cable cut-off wavelength		nm	≤ 1260
Attenuation Coefficient	1310nm	dB/km	≤0.36
	1550nm	dB/km	≤0.22
Proof stress level		kpsi	≥100

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

4. Dimensions of cable constructions

Fiber count	Cable diameter (mm)	Cable weigh (kg/km)	Strengthening component size	Enhanced component size
2	5.0*2.0±0.1	18.5	0.5±0.05mm	1.0±0.1

5. Cable performance

Item		Parameters
Fiber	Color	Blue color Orange
Metal reinforcement components	Material	FRP Fiberglass Reinforced Plastic
Rreinforcing element	Material	Galvanized steel wire
Outer jacket	Material	LSZH
	Color	Black
Min. bending radius	Static	20times cable diameter
	Dynamic	40times cable diameter
Tensile performance	Short term	600N (≤0.1dB Additional attenuation≤0.1dB)
Crush	Short term	2200N/100mm (≤0.1dB Additional attenuation≤0.1dB)

6.Environmental performance

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

7.Drum

Cable type	Drum				
	Length (mm)	Width (mm)	Height (mm)	Length (km)	Drum type
GJYXFCH	300	300	340	1	Plywood pallet