

## Flat Indoor Drop Cable 2 Core

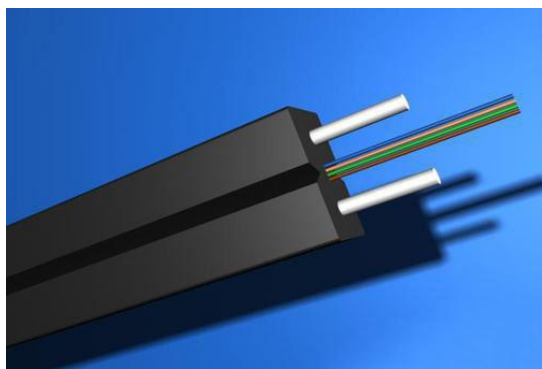
Flat indoor drop cable is used for FTTH(fiber to the home) fiber optic cable, which used for linking the equipment and components in the fiber optic network. The fibers is position between two parallel steel wire/FRP. Then this cable is completed with black or white LSZH sheath.



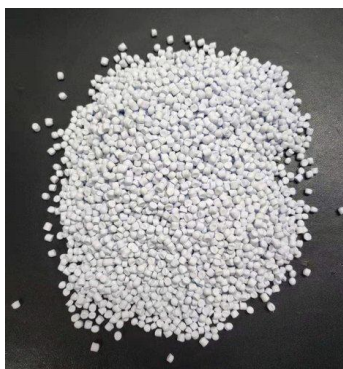
High Quality Single Mode Fiber



Indoor drop cable structure



Two parallel strength members



LSZH Raw Material

## Fiber Drop Cable Features

The fiber drop cable is widely used in the access network, because of its softness and light weight.

The advantages of fiber drop cable:

1. High-quality optical fiber provides greater bandwidth and enhances network transmission performance;
2. Two parallel FRP or metal reinforcements make the optical cable have good compression resistance and protect the optical fiber;
3. The optical cable has simple structure, light weight and strong practicability;
4. Unique groove design, easy to peel off, convenient to connect, simplify installation and maintenance;
5. Low-smoke halogen-free flame-retardant polyethylene sheath or flame-retardant PVC sheath, environmental protection;
6. It can be matched with a variety of field connectors, and can be completed on site.

## Technical Data:

Part Number	Bow-Type Drop Cable GJXH
Fiber Count	2 core ( also supply 1 core, 4 core )
Strength Member	Two parallel steel wire/FRP

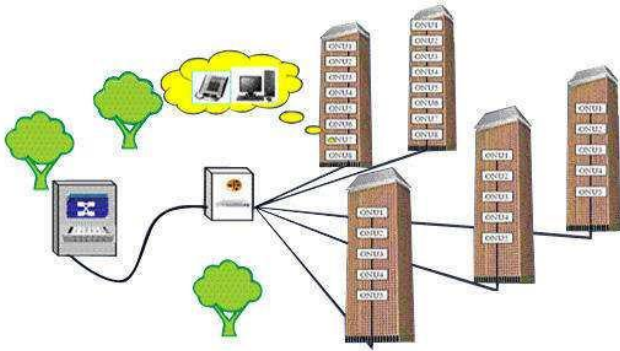
Cable Dimension (WxH approx.)	(2.0±0.2)x(3.0±0.2)mm
Out Jacket	LSZH
Out Jacket color	black or white
Application	FTTH cable (Fiber to the home), used indoor, Access network

Items		Unit	G.657A1 Specification
Mode Field Diameter	1310nm	μm	9.0±0.4
	1550nm	μm	10.1±0.5
Cladding Diameter		μm	124.8±0.7
Cladding Non-Circularity		%	≤0.7
Core-Cladding Concentricity Error		μm	≤0.5
Coating Diameter		μm	245±5
Coating Non-Circularity		%	≤6.0
Cladding-Coating Concentricity Error		μm	≤12.0
Cable Cutoff Wavelength		nm	$\lambda_{cc} \leq 1260$
Attenuation (max.)	1310nm	dB/km	≤0.35
	1550nm	dB/km	≤0.21
Macro-Bending Loss	1turn×10mm radius@1550nm	dB	≤0.75
	1turn×10mm radius@1550nm	dB	≤1.5

NO.	Item		Requirement
1	Allowable Tensile Strength	Short Term	120 N
		Long Term	60N
2	Allowable Crush Resistance	Long Term	2200 (N/100mm)
		Long Term	1000 (N/100mm)
3	Minimum Static Bend Radius		10 times
4	Minimum Dynamic Bend Radius		20 times

5	Operation Temperature	40°C~+70°C
6	Nominal Cable	Diameter (2.0±0.2)x(3.0±0.2)mm
		Weight 9.2kg/km
7	Fiber Color Code	01- Blue, 02- Orange, 03- Green, 04- Brown

**Application Fields**



FTTH(Fiber to the home)



LAN(Local area network)

**Various delivery ways are available**



If interested, welcome to consult!