

## LC/APC-LC/APC 2Core FTTH Indoor Flat Drop Patch Cords

### Description

A Connect drop cable adopts an anti-vibration design. It allows plug and play (no splicing), helps customers deploy it fast, and reduces time. In addition, it ensures high network reliability and durability.

### Application

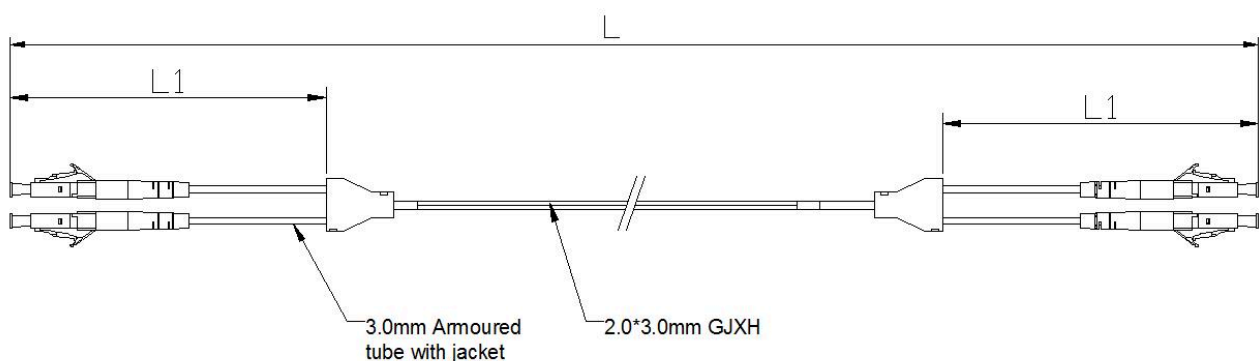
- Telecommunication network
- Data transmission, test equipment
- Local area network (LAN)
- Radio and television network (CATV)



### Features

- ◆ Low insertion loss, high return loss
- ◆ Connector Types: LC, FC, SC, ST for option
- ◆ Fiber Mode: G652D, G.657A1, G657A2, G657B3
- ◆ Ferrule Interface Type: UPC, APC
- ◆ Compliant to IEC standard

### Outline drawing



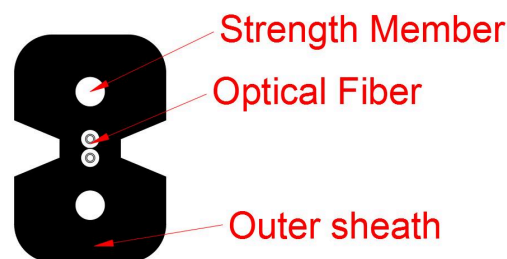
- 1、Connector LC/APC SM
- 2、3.0mm Armoured tube with jacket
- 3、2.0\*3.0mm GJXH FTTH Cable

## FTTH Cable information

- Number of fiber: 2 core
- Fiber type:G657A2
- Strength member material: FRP
- Diameter:0.5mm

### Outer sheath:

- Material:LSZH Black/white
- Cable size:2.0\*3.0mm



## Connector Test specifications

| Item                     | specifications                                                                                                                                                 |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                     | LC/APC(1310)                                                                                                                                                   |
| Insertion Loss           | $\leq 0.3 \text{ dB} + 0.36 \text{ dB/km} \cdot L(\text{km}) @ 1310\text{nm}$<br>$\leq 0.3 \text{ dB} + 0.23 \text{ dB/km} \cdot L(\text{km}) @ 1550\text{nm}$ |
| Return Loss              | $\geq 60\text{dB}$                                                                                                                                             |
| Endface                  | IEC 61300-3-35                                                                                                                                                 |
| Durability(1000Mating)   | 0.2dB Max.increase                                                                                                                                             |
| Installation Temperature | $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$                                                                                                                 |
| Operating Temperature    | $-25^{\circ}\text{C} \sim 70^{\circ}\text{C}$                                                                                                                  |
| Tensile strength         | 68N                                                                                                                                                            |

## Optical cable performance

|                          |                |      |
|--------------------------|----------------|------|
| Tensile strength         | Long term (N)  | 40   |
|                          | Short term (N) | 80   |
| Crush load               | Long term (N)  | 500  |
|                          | Short term (N) | 1000 |
| wavelength(nm)           | 1310/1550      |      |
| Attenuation(dB)          | 0.4/0.3        |      |
| Cladding diameter(um)    | 125±0.7        |      |
| Cladding non-circularity | ≤0.7%          |      |
| Coating diameter(um)     | 245±5          |      |

## Parking

Depending on the actual number of meters