

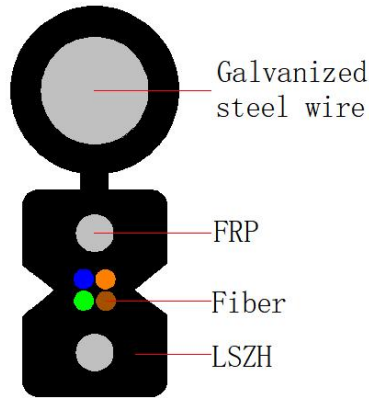


## Product Specification

### For FTTH Optical Fiber Cable

#### 1. Optical Fiber Cable Features

##### 1.1 Structure:



GJYXFCH

##### Applications:

Indoor cable distribution

Adapted to core network, access network and fiber to home

##### 1.2 Construction

Item		Description
Cable Diameter		$(2.0 \pm 0.1) \times (5.2 \pm 0.2) \text{mm}$
Approx. Cable Diameter		$(2.0 \times 3.0) \pm 0.1 \text{mm}$
Approx. Steel Wire Sheath Outer Diameter		$2.1 \pm 0.1 \text{mm}$
Approx. Cable Net Weight		20kg/km
Central Strength Member	Material	FRP
	Outer Diameter	$0.50 \pm 0.03 \text{mm}$
Steel Wire	Material	Galvanized steel wire
	Diameter	$1.2 \pm 0.03 \text{mm}$
Optical Fiber	Type	G .657A1
	Numbers	1/2/4

	Fiber Color	Blue/Orange/Green/Grey
LSZH Sheath of Cable	Material	BLACK LSZH
Fiber Attenuation	dB/km(1310nm)	≤0.40dB/km
Coefficient in Cable	dB/km(1550nm)	≤0.30dB/km

### 2.3 Mechanical and physical characteristics of the cable

Cable Type	Tensile Strength (N)		Crush Resistance Strength (N/100mm)		Min. Bending Radius (mm)	
	Short Term	Long Term	Short Term	Long Term	Dynamic	Static
GJYXFCH	600	300	2200	1000	20H	10H
Operation Temperature: -40°C ~ +60°C						

### 2. Cable Marking

Unless otherwise required the sheath will be marked at intervals of 1m, containing:

- (a) Indication in meters
- (b) Quantity and type of fibers
- (c) Factory name
- (d) Date of manufacturing (year)
- (e) Other requirements

The marks will be permanent and legible for the duration of the cable life.

### 3. Packaging & Delivery

All cables will be delivered on drums with protection of both ends of the cable. Each drum will have a waterproof mark according to requirements.

Normal cable length: 1 km, or as per the customer's requirements