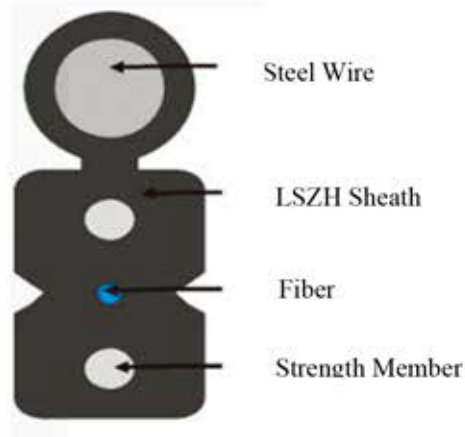


## Product Specification

### For FTTH Optical Fiber Cable

#### 1. Optical Fiber Cable Features

##### 1.1 Structure:



##### Applications:

GJYXCH/GJYXFCH

Indoor cable distribution

Adapted to core network, access network and fiber to home

##### 1.2 .1 Fiber color code

No.	1	2	3	4
Color	Blue	Orange	Green	Brown

Color-coding of the fiber will be clear, and not fade under the influence of the temperature of working and installation environment.

##### 1.2.2 Construction of GJYX(F)CH

Item		Description
Cable Diameter		$(2.0 \pm 0.1) \times (5.1 \pm 0.2) \text{mm}$
Approx. Cable Diameter		$(2.0 \times 3.0) \pm 0.1 \text{mm}$
Approx. Steel Wire Sheath Outer Diameter		$2.0 \pm 0.1 \text{mm}$
Approx. Cable Net Weight		20kg/km
Central Strength Member	Material	FRP or Steel Wire
	Outer Diameter	$0.50 \pm 0.02 \text{mm} / 0.45 \pm 0.02 \text{mm}$
Steel Wire	Material	Phosphating Steel Wire
	Diameter	$1.0 \pm 0.02 \text{mm}$

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Optical Fiber	Type	ITU-T G .657 Fibers
	Numbers	1/2/4
LSZH Sheath of Cable	Material	LSZH
Fiber Attenuation Coefficient in Cable	dB/km(1310nm)	≤0.4dB/km
	dB/km(1550nm)	≤0.3dB/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
GJYXCH	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: 1~2 km, or as per the customer's requirements

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