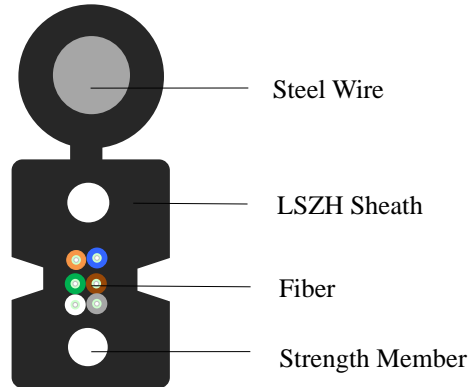




Product Specification For FTTH Optical Fiber Cable

1. Optical Fiber Cable Features

1.1 Structure:



Applications:

Indoor cable distribution

Adapted to core network, access network and fiber to home

1.2 .1 Fiber color code

No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Gray	White

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

Item		Description
Cable Diameter		$(2.0 \pm 0.1) \times (5.0 \pm 0.2)$ mm
Approx. Cable Diameter		$(2.0 \times 3.0) \pm 0.1$ mm
Approx. Steel Wire Sheath Outer Diameter		2.0 ± 0.1 mm
Approx. Cable Net Weight		20kg/km
Central Strength Member	Material	FRP
	Outer Diameter	0.50 ± 0.02 mm
Steel Wire	Material	Phosphating Steel Wire/Galvanized Steel Wire
	Diameter	1.0 ± 0.2 mm
Optical Fiber	Type	G .657A1



	Numbers	1-6
LSZH Sheath of Cable	Material	LSZH
Fiber Attenuation	dB/km(1310nm)	≤0.4dB/km
Coefficient in Cable	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
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