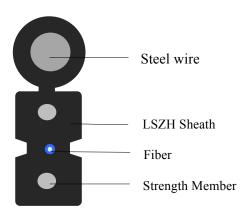
Product Specification

For FTTH Optical Fiber Cable

1. Optical Fiber Cable Features

1.1 Structure:



GJYXFCH

Applications:

Indoor cable distribution

Adopted to core network, access network and fiber to home

1.2 .1 Fiber color code

No.	1	
Color	Blue	

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 GJYXFCH

Item		Description		
Cable Diameter		$(2.0\pm0.1) \times (5.1\pm0.2) \text{ mm}$		
Approx. Cable Diameter		$(2.0 \times 3.0) \pm 0.1$ mm		
Approx. GFRP Sheath Outer Diameter		2.0±0.1mm		
Approx. Cable Net Weight		18.5kg/km		
Strength Member	Material	GFRP		
	Outer Diameter	0.5±0.01mm		
Steel Wire	Material	Phosphating Steel Wire		
	Diameter	1.0±0.02mm		
Optical Fiber	Type	ITU-T G .657A1		
	Numbers	1		

LSZH Sheath of Cable	Material	LSZH
Fiber Attenuation coefficient in	dB/km(1310nm)	≤0.4dB/km
Cable	dB/km(1550nm)	≤0.3dB/km

1.3 Mechanical and physical characteristics of the cable

	Tensile Strength		Crush Resistance Strength		Min. Bending Radius	
Cable Type	(N)		(N/100mm)		(mm)	
	Short Term	Long Term	Short Term	Long Term	Dynamic	Static
GJYXFCH	600	300	1000	300	20H	10H
Span	50m					
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

Production duration: 20 working days