



guangzhou fiber cablepuls co ltd  
fiberoptical-cables.com



## Flame Retardant LSZH Jacket FTTH Drop Cable for Networking

Our Product Introduction

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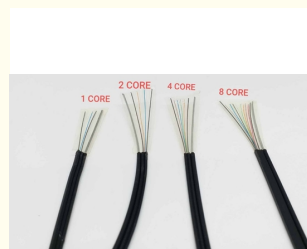
### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GJYXFCH-2b6
- Minimum Order Quantity: 2km
- Price: negotiate
- Packaging Details: Wooden Spool /drum
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit,70%Balance before shipping.
- Supply Ability: 100km



### Product Specification

- Cable Model: GJYXCH/GJYXFCH-2b6
- Outer Sheath Color: Black/white
- Cable Length: 1km 2km
- Feature: Flame Retardant Characteristics
- Jacket: LSZH
- Installation Style: Indoor & Outdoor Self-Support Drop Cable
- Messenger Wire: Steel
- Highlight: LSZH Jacket FTTH Drop Cable, Flame Retardant FTTH Drop Cable



### Product Description

#### 1 Core 2 Core 4 Core FTTH Drop Cable G657A2 Fiber Optic Drop Cable Drop Wire Cable

##### Description

FTTH Cable directly connected to their homes, their bandwidth, wavelength and transmission technology type are not restricted. The optical fiber unit is positioned in the centre. Two parallel strength member are placed at the two sides. A steel wire as the additional strength member is also applied, then, the cable is completed with a black HDPE sheath.

##### Features

- Soft and bendable, easy to deploy and maintenance.
- Smaller diameter, Light weight, and high practicability.
- Fiber reinforced plastic as the strength member ensures excellent anti-electromagnetic performance.

Our Product Introduction

- Environmental protection- Low smoke, zero halogen and flame retardant sheath.

#### Application

- Adopted to indoor distribution.
- As pigtail of communication equipment
- Suitable for communication equipment servrd
- Can be installed conveniently and perated simply

#### Optical Specifications

Parameter	Specification
Attenuation @ 1310 nm	≤ 0.36 dB/km
Attenuation @ 1550 nm	≤ 0.22 dB/km
Chromatic Dispersion @ 1550 nm	≤ 18 ps/nm.km
Zero Dispersion Wavelength	1300 - 1324 nm

#### Physical and Mechanical Properties

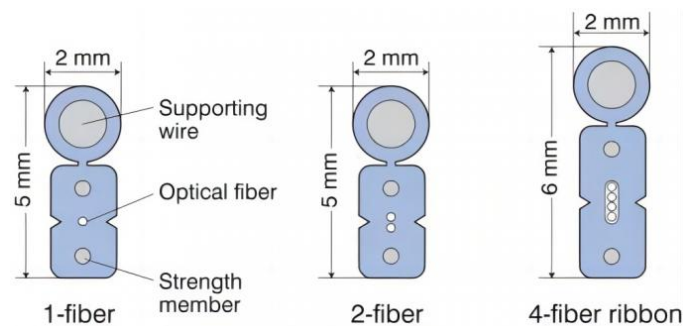
Characteristic	Specification
Outer Diameter	2.0 x 5.0 mm ± 0.2 mm
Net Weight	20 kg/km ± 2 kg/km
Max. Tensile Loading (Short Term)	600 N
Max. Tensile Loading (Long Term)	300 N
Crush Resistance (Short Term)	1000 N
Crush Resistance (Long Term)	2200 N
Operating Temperature Range	-20°C to +60°C

#### Packaging

Reel Length: 2 km per reel, packaged in a single carton box.

Sheath Marking: Brand, Cable type, Fiber type and counts, Year of manufacture, and Length marking as per requirement, at 1 m intervals.

Loading quantity suggestion		
20'GP container	1KM/roll	812KM
	2KM/roll	1000KM
40'HQ container	1KM/roll	1900KM
	2KM/roll	2000KM



Fiber count	1/2/4
Tight buffer	LSZH, White
Tight buffer diameter	0.90±0.05mm
Fiber Type	G657A1/A2
Strength member	Glass yarn/aramid yarn
Outer sheath	LSZH Lower smoke zero halogen flame retardant & UV Anti
Cable Diameter dimensions	3.0±0.2mm
Operation temperature range	-40 °C to + 70 °C
Installation temperature range	-5 +50°C
Transport and storage temperature range	-40 °C to + 70 °C
Tension Load (N)	Short term :1000N Long term :600N
Crush Load(N)	Long term 1000 N/100mm Short term:2200N/100mm
Minimal installation bending radius	30 x OD
Minimal operation bending radius	15 x OD
Cable marking	The marking length 1 meter apart , as required

Type	Diameter (mm)	Weight (kg/km)	Tensile strength Long/short term (N)	Crush Long/short term (N/100mm)	Bending Radius Static/Dynamic
GJXH-1	2.0*3.0	10.5	100/200	500/1000	15/30
GJXH-2	2.0*3.0	10.5	100/200	500/1000	15/30
GJXH-4	2.0*3.0	10.5	100/200	500/1000	15/30
Type	Diameter (mm)	Weight (kg/km)	Tensile strength Long/short term (N)	Crush Long/short term (N/100mm)	Bending Radius Static/Dynamic
GJXFH-1	2.0*3.0	7.5	40/80	500/1000	15/30
GJXFH-2	2.0*3.0	7.5	40/80	500/1000	15/30
GJXFH-4	2.0*3.0	7.5	40/80	500/1000	15/30

#### Fiber Parameters

No.	Items	Unit	Specification
			G.652D
	1310nm	μm	9.2±0.4

1	Mode Field Diameter	1550nm	μm	10.4±0.8
2	Cladding Diameter		μm	125.0±1.0
3	Cladding Non-Circularity		%	≤1.0
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	245±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0
8	Cable Cutoff Wavelength		nm	λ <sub>c</sub> ≤1260
9	Attenuation(max.)	1310nm	dB/km	≤0.35
		1550nm	dB/km	≤0.21
		1380nm	dB/km	≤0.35
		1625nm	dB/km	≤0.24
10	Attenuation and wavelength	1310nm 1285-1330nm	dB/km	≤0.04
		1550nm 1525-1575nm	dB/km	≤0.03
		1550nm 1480-1580nm	dB/km	≤0.05
11	Dispersion	1288-1339nm	ps/(nm.km)	≥-3.5, ≤3.5
		1271-1360nm	ps/(nm.km)	≥-5.3, ≤5.3
		1480-1580nm	ps/(nm.km)	≤20
		1550nm	ps/(nm.km)	≤18
12	Zero dispersion wavelength		Nm	1300-1324
13	Zero dispersion slope		ps/(nm <sup>2</sup> ·km)	≤0.092
14	Typical value		ps/(nm <sup>2</sup> ·km)	0.04
15	Largest individual fiber		Ps/√ km	0.2
16	Link design values		Ps/√ km	0.1
17	Two way average		1310nm-1550	≤0.01dB

#### finished products



#### Production Supplier Profile

### COMPANY PROFILE

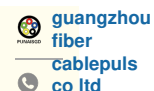
### ABOUT FIBER

Guangzhou fiber cablepuls co.,ltd

Fiber cablepuls is one of the high-tech fiber optic cable factories in China that can produce the most complete series of fiber optic cables, equipped with the most advanced fiber optic cable manufacturing, and have the most advanced fiber optic connector production and testing equipment in China.

The factory has obtained ISO 9000:2015, ISO14001:2004 and GB/T28001:2001 successively obtained international system certification.

Over the past 12 years, we have provided optical cable products and comprehensive solutions to more than 50 countries and regions around the world, and have received unanimous praise from customers, such as foreign telecom departments of the United States, Mexico Telecom, Thailand Telecom, Philippines Telecom, etc.; domestic customers include: China Mobile, the General Administration of Radio, Film and Television, Lenovo, and many other large national enterprises.



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#### OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM



How do I place an OEM or customized order?

1) Send your purchase intention to our email: cotton@fibercablepuls.com

- 2) Our sales team will contact you to confirm the product specification, packaging, printing, quantity, and other specific information.
- 3) Sign the contract or Proforma Invoice.
- 4) After receiving your deposit, we will start to arrange the production.
- 5) **2 weeks before the completion of production, we will notify you to start contacting shipping.**

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