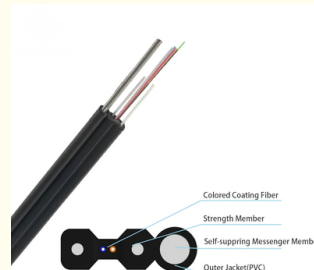# FTTH DROP CABLE FRP Messenger Drop Cable Outdoor GJYXFCH

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GJYXFCH-4b6
- 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-4b6
- 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: **FRP Messenger FTTH DROP CABLE, GJYXFCH FRP Messenger Drop Cable, Outdoor FTTH DROP CABLE**

Colored Coating Fiber
Strength Member
Self-supping Messenger Member
Outer Jacket(PVC)

Product Description

FTTH DROP CABLE FRP Messenger Drop Cable Outdoor GJYXFCH

Outdoor Drop Cable series self-supporting butterfly-shaped sheathed optical fiber cable is the optical fiber is placed in the center, two parallel steel wires are placed on both sides as strengthening elements, and the low-smoke halogen-free flame retardant sheath is extruded into the cable;reinforcing element (steel wire or rope) is attached to the outside.

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

| Characteristic	Specification
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

1-fiber   2-fiber   4-fiber ribbon
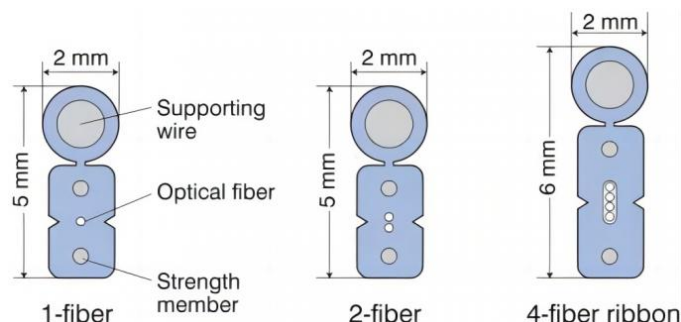
Fiber count	1/2/4
Tight buffer	LSZH, White
Tight buffer diameter	0.90±0.05mm
Fiber Type	G657A1/A2
Strength member	Glass yarn/aramid yarn
Outer sheath	LSZH Lower smoke zero halogen frame retardant & UV Anti
Cable Diameter dimensions	3.0±0.2mm
Operation temperature range	-40 °C to + 70 °C
Installation 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 1meter 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
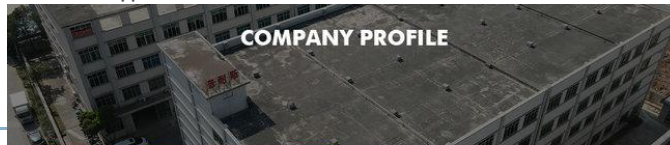
Fiber Parameters

No.	Items		Unit	Specification G.652D
1	Mode Field Diameter	1310nm	µm	9.2±0.4
		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	λcc≤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/(nm2•km)	≤0.092
14	Typical value	ps/(nm2•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 SGS ISO9001-2015, 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 90 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.

OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM

▲ Color Coating   ▲ Fiber to Loose Tube   ▲ PE Sheath Coated
▲ Color Fiber Testing   ▲ Stranded Loose Tube   ▲ Finished Cable Testing

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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