



guangzhou fiber cable puls co ltd
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FTTH Drop Cable Single Fiber Indoor / Outdoor Optical Fiber Drop Cable G657A1 1 Core Single Mode 9/125 LSZH Jacket 1 Steel Wire+2 FRP Strength Member Black 1000-Meter

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: 1 Core FTTH Drop Cable,
Black FTTH Drop Cable,
1000 Meter FTTH Drop Cable



More Images



Product Description

FTTH Drop Cable Single Fiber Indoor/Outdoor Optical Fiber Drop Cable, G657A1, 1 Core Single Mode, 9/125, LSZH Jacket, 1 Steel Wire+2 FRP Strength Member, Black, 1000-Meter(3280-ft)/Roll

FTTH Outdoor Cable Specifications

Product Overview

This FTTH Outdoor Drop Cable is designed for external installations, providing strength and durability under varying environmental conditions. Available in 1 or 2 fiber counts, it is manufactured with G657A1 fiber, offering reliable performance in outdoor settings.

Fiber Count: 1 or 2

Color Options: White or Black

Strength Member: 2x FRP (0.5 mm)

Messenger Wire: Galvanized or Phosphating Steel Wire (1 mm)

Jacket Material: LSZH (Low Smoke Zero Halogen)

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

Our Product Introduction

Parameter	Specification
Zero Dispersion Wavelength	1300 - 1324 nm

Physical and Mechanical Properties

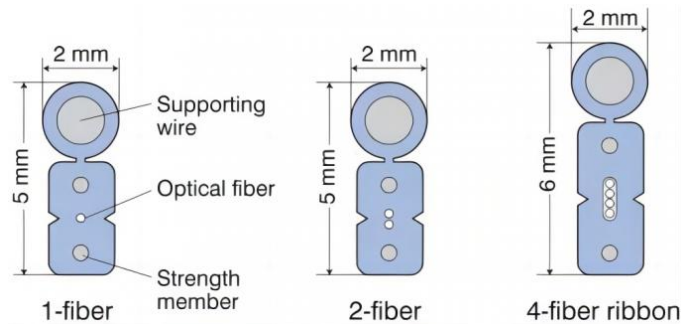
Characteristic	Specification
Outer Diameter	2.0 x 5.0 mm ± 0.2 mm
Net Weight	20 kg/km ± 2 kg/km
Max. Tensile Loading (Short Term)	600 N
Max. Tensile Loading (Long Term)	300 N
Crush Resistance (Short Term)	1000 N
Crush Resistance (Long Term)	2200 N
Operating Temperature Range	-20°C to +60°C

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

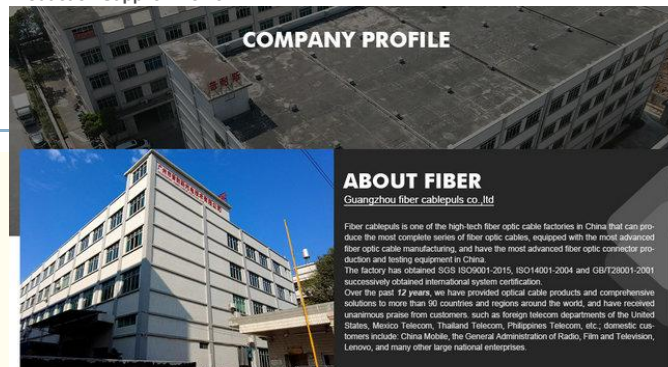
No.	Items	Unit	Specification
			G.652D
1	Mode Field Diameter	1310nm 1550nm	μm 9.2±0.4 10.4±0.8
2	Cladding Diameter		μm 125.0±1.0
3	Cladding Non-Circularity	%	≤1.0
4	Core-Cladding Concentricity Error	μm	≤0.5
5	Coating Diameter	μm	245±5
6	Coating Non-Circularity	%	≤6.0
7	Cladding-Coating Concentricity Error	μm	≤12.0
8	Cable Cutoff Wavelength	nm	λ _c ≤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 ² ·km)	≤0.092
14	Typical value		ps/(nm ² ·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



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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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