



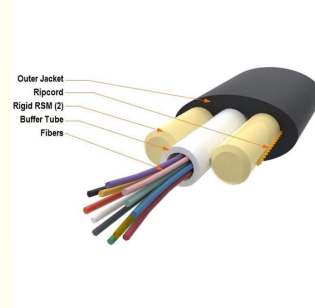
FTTX Outdoor Fiber Optic Cable 12 CT Flat Drop Fiber Optic Cable 5000' Reel

Our Product Introduction

for more products please visit us on fiberoptical-cables.com

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: gyfxtby-12b1.3
- Minimum Order Quantity: 2km
- Price: negotiate
- Packaging Details: Wooden Spool $\Phi 1200 \times 750$ mm
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit, 70%Balance before shipping.
- Supply Ability: 100km



Product Specification

- Type: Gyfxtby-12b1.3
- Fiber Type: Single Mode
- Fiber Count: 2-12
- Outer Sheath: Black PE/LSZH
- Inner Sheath Material: P/LSZH
- Installation Method: Aerial
- Strength Member Material: 2 FRP
- Cable Diameter: 4.8*8mm
- Highlight: FTTX Outdoor Fiber Optic Cable, Outdoor Flat Drop Fiber Optic Cable



Product Description

Outdoor Fiber Optic Cable 12 CT Flat Drop Fiber Optic Cable-5000' Reel

Dielectric Dry Flat Drop Loose Tube Fiber Cable Single Mode 9/125 OS2, Polyethylene Jacket

The Dielectric Dry Flat Drop Cable is composed of bare colored optical fibers (available fiber counts are 1, 2, 4, 6 and 12) with water blocking aramid yarn inside a 3.0mm dry buffer tube. The UV resistant polyethylene outer jacket encases the buffer tube along with 2 dielectric FRP strength members, one on each side of the buffer tube. All component materials meet the EU RoHS Directive standard.

Dry Flat Drop Cable is available in black jacket only. Standard surface print denotes construction, fiber type, and includes footage markers.

Temperature Range

Storage : -40°F to +158°F (-40°C to +70°C)

Operation : -40°F to +158°F (-40°C to +70°C)

Construction

Fiber: 12 Colors Coding

Loose Tube: Gel-free

Central Strength Member: Dielectric Strength Material

Overall Jacket Material : Polyethylene

Strength Member: 2 FRP's

Optical Characteristics

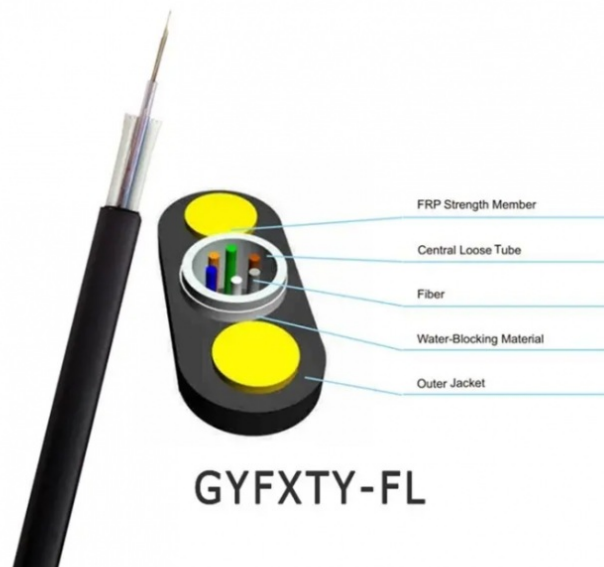
Fiber Type: SMF-28° Ultra

Core Size: 9/125

Attenuation (Max): 0.4dB/km @1550nm

Our Product Introduction

Numerical Aperture : 0.14
Mode-Field Diameter (1310/1550nm): 9.2/10.4mm
Link Length @ 1550: 10,000m/5,000m



Features

Small size, Low cost.
Up to 24 fibers.
Uni-tube gel-filled construction for superior fiber protection.
Two parallel FRP wire and overall glass yarn to enhance tensile resistant.
And protect cable from mechanical damage.
Designed for use with inexpensive attachment hardware.
Self-supported no messenger needed.

Applications

Duct, Aerial
FTTx, Access.

Optical Characteristics

Fiber Type	G.652	G.655	50/125 μ m	62.5/125 μ m
Attenuation (+20X)	850 nm 1300 nm 1310 nm 1550 nm	 <0.36 dB/km <0.22 dB/km	 <1.0 dB/km <0.40 dB/km	 <3.0 dB/km <1.0 dB/km
Bandwidth	850 nm 1300 nm		>500 MHz-km >500 MHz-km	>200 Mhz-km >500 Mhz-km
Numerical Aperture			0.200 \pm 0.015 NA	0.275 \pm 0.015 NA
Cable Cut-off Wavelength λ_{cc}	<1260 nm	<1450 nm		

Structure and Technical Specifications GYFXTY-FL(Flat Drop)

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)		Aerial Install span with 1% sag		
			Short Term	Long Term	Short Term	Long Term	NESC Light	NESC Medium	NESC Heavy
2~12	4.5*8.0	39	1800	750	2000	800	100meters	80meters	50meters
14~24	4.9*8.4	45	1800	750	2000	800	80meters	60meters	40meters

Structure and Technical Specifications GYFXTY-FG(Round Drop)

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)		Aerial Install span with 1% sag		
			Short Term	Long Term	Short Term	Long Term	NESC Light	NESC Medium	NESC Heavy
2~12	6.5	35	1000	400	1000	300	80meters	50meters	30meters
14~24	7.0	40	1200	500	1000	300	70meters	40meters	20meters

Note: Larger spans can be achieved if necessary with installation sags larger than 1% of span.

This datasheet can only be a reference, but not a supplement to the contract. Please contact our sales people for more detailed information.

Hybrid designs (containing single mode and multi mode fiber) and composite designs (containing copper conductors) are also available.

We produce and test cable comply with following standard

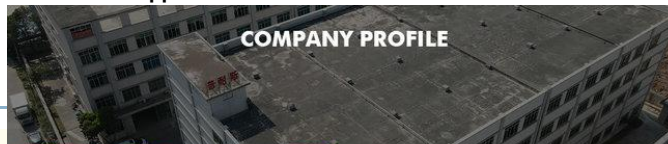
Mechanical Performance	
Max Tension Performance	IEC 60794-1-2-E
Max. Operation Tension	IEC 60794-1-2-E1
Crush Test	IEC 6079-1-2-E3
Impact Test	IEC 60794-1-2-E4
Repeated Bending	IEC 60794-1-2-E6
Torsion Test	IEC 60794-1-2-E7
Cable bend	IEC 60794-1-2-E11A
Attenuation Coefficient	ITU-T G.652
Structural Test	IEC-60793-1-20
Environmental Performance	
Temperature Cycling	IEC 60794-1-2-F1
Water Penetration	IEC 60794-1-2-F5B

Installation of Fiber Optic Cable


When installing aerial cables, ensure proper tension, maintain safe distance from power lines, consider environmental factors, and follow recommended span lengths for optimal performance.



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 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.



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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