

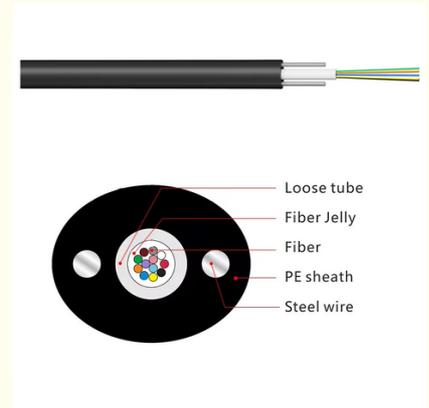


GYFXTBY Outdoor Fiber Optic Cable 2-12 Core Single Mode Aerial

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAIISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: gyfxtby-6b1.3
- 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-6b1.3
- 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*7mm
- Highlight: **Outdoor Fiber Optic Cable Gyfxtby, 24 Core Outdoor Fiber Optic Cable, Fttx GYFXTBY Fiber Cable**



More Images



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Outdoor Fiber Optic Cable GYFXTBY Optical Fiber FTTX

Product Specifications

Attribute	Value
Type	gyfxtby-6b1.3
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*7mm

Product Overview

This dielectric cable offers the ease of installation of standard flat cables in an easy-access, single-tube design. The dielectric version eliminates bonding and grounding requirements while providing exceptional crush resistance. Designed specifically for Fiber to the Subscriber (FTTx) applications, this flat, all-dielectric cable is ideal for self-supporting drop-type installations and conduit builds.



Key Features

- Compact size with low cost
- Available with up to 24 fibers

- Uni-tube gel-filled construction for superior fiber protection
- Two parallel FRP wires with overall glass yarn for enhanced tensile resistance
- Protection against mechanical damage
- Compatible with inexpensive attachment hardware
- Self-supporting design requires no messenger

Applications

- Duct installations
- Aerial deployments
- FTTx networks
- Access networks

Optical Characteristics

Fiber Type	G.652	G.655	50/125µm	62.5/125µm
Attenuation (+20°C)				
850 nm			<3.0 dB/km	<3.3 dB/km
1300 nm			<1.0 dB/km	<1.0 dB/km
1310 nm	<0.36 dB/km	<0.40 dB/km		
1550 nm	<0.22 dB/km	<0.23 dB/km		
Bandwidth				
850 nm			>500 MHz-km	>200 MHz-km
1300 nm			>500 MHz-km	>500 MHz-km
Numerical Aperture			0.200±0.015 NA	0.275±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
2-12	4.5*8.0	39	1800 (Short Term) 750 (Long Term)	2000 (Short Term) 800 (Long Term)	100m (NESC Light) 80m (NESC Medium) 50m (NESC Heavy)
14-24	4.9*8.4	45	1800 (Short Term) 750 (Long Term)	2000 (Short Term) 800 (Long Term)	80m (NESC Light) 60m (NESC Medium) 40m (NESC Heavy)

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
2-12	6.5	35	1000 (Short Term) 400 (Long Term)	1000 (Short Term) 300 (Long Term)	80m (NESC Light) 50m (NESC Medium) 30m (NESC Heavy)
14-24	7.0	40	1200 (Short Term) 500 (Long Term)	1000 (Short Term) 300 (Long Term)	70m (NESC Light) 40m (NESC Medium) 20m (NESC Heavy)

Note: Larger spans can be achieved with installation sags greater than 1% of span. This datasheet serves as a reference only and does not supplement the contract. Contact our sales team for detailed information. Hybrid designs (single mode + multi mode fiber) and composite designs (with copper conductors) are available.

Compliance Standards

Performance Category	Standard
Max Tension Performance	IEC 60794-1-2-E
Max. Operation Tension	IEC 60794-1-2-E1
Crush Test	IEC 60794-1-2-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
Temperature Cycling	IEC 60794-1-2-F1
Water Penetration	IEC 60794-1-2-F5B
Filling Compound Flow	IEC 60794-1-E14

Installation Guidelines

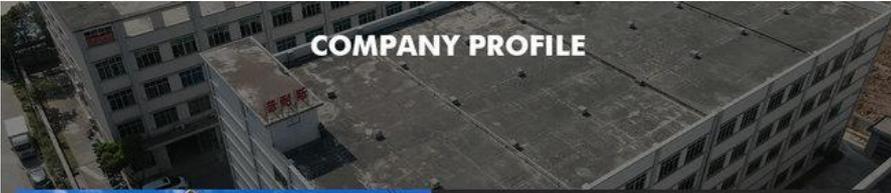
When installing aerial cables, ensure proper tension, maintain safe distance from power lines, consider environmental factors, and follow recommended span lengths for optimal performance.







Manufacturer Information



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

▲ Color Fiber Testing

▲ Fiber to Loose Tube

▲ Stranded Loose Tube

▲ PE Sheath Coated

▲ Finished Cable Testing



How to Place an OEM or Customized Order

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

Our sales team will contact you to confirm product specifications, packaging, printing, quantity, and other requirements

Sign the contract or Proforma Invoice

After receiving your deposit, we will begin production

Two weeks before production completion, we will notify you to arrange shipping



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