

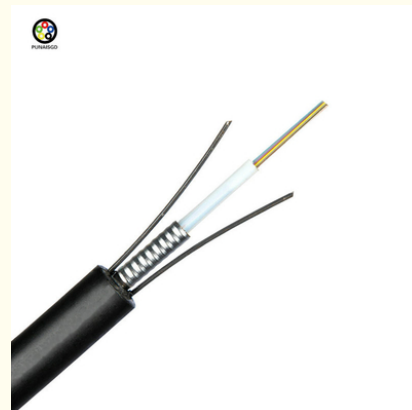


## 12 Core GYXTW Outdoor Fiber Optic Cable G652D Single-Mode 8mm

Our Product Introduction

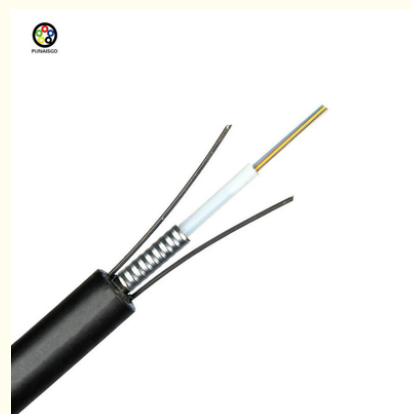
### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYXTW-6B1.3
- 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

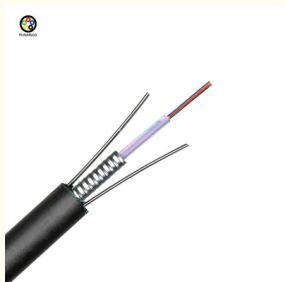


### Product Specification

- Model No: GYXTW-12B1.3
- Use: Aerial
- Loose Tube Material: PBT With Jelly
- Cable Diameter: 8mm
- Samples: Free
- Fiber Grade: G652D
- Waterblocking Material: Water Blocking Tape Or Filling Compound
- Steel Wire: 1.0\*2mm
- Cable Color: Black
- Highlight: **GYXTW Outdoor Fiber Optic Cable,  
Single Mode Outdoor Fiber Optic Cable,  
12 Core Outdoor Fiber Optic Cable**



### More Images



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## Product Description

### Outdoor Fiber Optic Cable 12 Core GYXTW Single-Mode Fiber Cable

#### Product Specifications

Attribute	Value
Model No	GYXTW-12B1.3
Use	Aerial
Loose Tube Material	PBT with Jelly
Cable Diameter	8mm
Samples	Free
Fiber Grade	G652D
Waterblocking Material	Water Blocking Tape Or Filling Compound
Steel Wire	1.0*2mm
Cable Color	Black

#### Technical Specifications

Parameter	Specification
Cable Type	GYXTW
Fiber Type	G652D Single-Mode Fiber
Number of Cores	12 Cores
Outer Diameter	8 mm
Cable Structure	Central strength member, loose tube, steel wire armoring, PE sheath

#### Fiber Core Parameters

Mode Field Diameter	8.6 - 9.5 $\mu\text{m}$ @ 1310 nm
Cladding Diameter	125.0 $\pm$ 0.7 $\mu\text{m}$
Core/Cladding Concentricity	$\leq$ 0.5 $\mu\text{m}$
Coating Diameter	245 $\pm$ 5 $\mu\text{m}$
Attenuation	$\leq$ 0.36 dB/km @ 1310 nm, $\leq$ 0.22 dB/km @ 1550 nm
Dispersion	$\leq$ 3.5 ps/(nm*km) @ 1288-1339 nm, $\leq$ 18 ps/(nm*km) @ 1550 nm
Zero Dispersion Wavelength	1300 - 1324 nm
Cable Cutoff Wavelength	$\leq$ 1260 nm
Bend Radius	20x cable diameter (static), 10x cable diameter (dynamic)

#### Mechanical Properties

Tensile Strength	600 N (short-term), 1500 N (long-term)
Crush Resistance	3000 N/100 mm
Impact Resistance	1 N*m (1 kg, 1 m drop)

#### Environmental Properties

Operating Temperature	-40°C to +70°C
Storage Temperature	-50°C to +80°C
Water Resistance	Passes IEC 60794-1-F5B water penetration test

**Standards Compliance**

ISO 9001, RoHS, IEC 60793, IEC 60794

**Key Features**

**G652D Fiber:** Ideal for long-distance, high-bandwidth applications with low attenuation and excellent dispersion characteristics.

**Steel Wire Armoring:** Provides superior mechanical protection and tensile strength.

**PE Sheath:** Ensures durability and resistance to environmental factors such as UV, moisture, and abrasion.



**APPLICATION**

			
Smart TV	Computer	Notebook	Router
			
Printer	CCTV	Switch	Switchboard

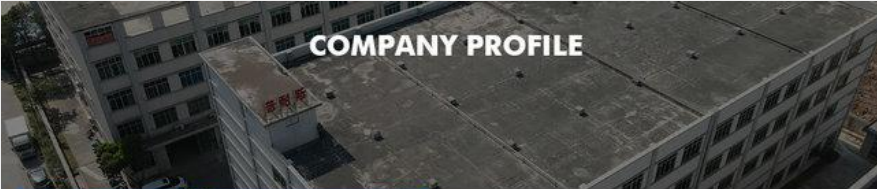
Fiber count	Structure	Fibers per tube	Loose tube diameter (mm)	CSM diameter/pad diameter (mm)	Nominal Thickness of outer jacket (mm)	Cable diameter/Height (mm)	Cable weight (kg/km)
2	1	2	1.7±0.1	1.0/1.0	1.6	8.0±0.2	57
4	1	4	1.85±0.1	1.0/1.0	1.6	8.0±0.2	58
6	1	6	1.9±0.1	1.0/1.0	1.6	8.0±0.2	58
8	1	8	2.0±0.1	1.0/1.0	1.6	8.0±0.2	60
12	1	12	2.2±0.1	1.0/1.0	1.6	8.0±0.2	60




#### Cable Marking & Fibers Colors

COMPANY Fiber cable name N\*cores G.652D 2024 XXXXm  
The marking is printed every 1 meter; "G.652D" means ITU-T Rec. Low Water Peak (LWP) G.652 single mode optical fiber.  
Also can according to client cable marking.





## 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



### How to Place an OEM or Customized Order

Send your purchase intention to our email: [cotton@fibercablepuls.com](mailto:cotton@fibercablepuls.com)

Our sales team will contact you to confirm the product specification, packaging, printing, quantity, and other specific information.

Sign the contract or Proforma Invoice.

After receiving your deposit, we will start to arrange the production.

2 weeks before the completion of production, we will notify you to start contacting shipping.



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