



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

Our Product Introduction

for more products please visit us on [fiberoptical-cables.com](http://fiberoptical-cables.com)

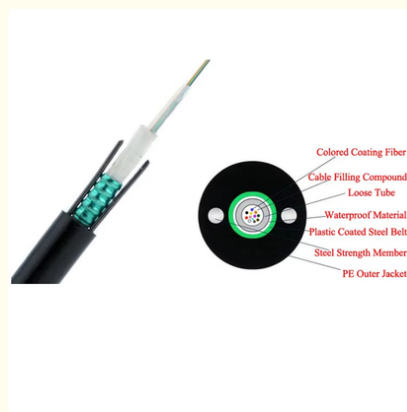
### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYXTW-4B1.3
- 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-4B1.3
- Use: Aerial
- Loose Tube Material: PBT With Jelly
- Cable Diameter: 6mm 7mm 8mm
- Samples: Free
- Fiber Grade: G652D/ G657A1
- Waterblocking Material: Water Blocking Tape Or Filling Compound
- Steel Wire: 0.7\*2mm/1\*2mm
- Cable Color: Black
- Highlight: **Outdoor Armored Fiber Optic Cable, 12 Core Fiber Optic Cable, Single mode Fiber Optic Cable**



### More Images



Product Description

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Product Description

The GYXTW fiber optic cable is constructed with high-quality materials for exceptional durability and performance. The hydrolysis-resistant loose tube is filled with special water-blocking gel to protect fibers, while two parallel steel wires provide tensile strength. A PE sheath offers UV and environmental protection, with steel tape reinforcement for improved moisture resistance.

These cables feature excellent mechanical and temperature resistance, with a loose tube structure that prevents environmental damage. The steel wire reinforcement makes them ideal for long-distance installations, while the water-blocking gel and steel tape ensure superior moisture protection in harsh conditions.

Designed for outdoor environments, GYXTW cables are perfect for duct and aerial installations where physical stress or water exposure may occur. Widely used in telecom networks, they provide reliable long-distance data transmission.





## APPLICATION



## Cable Technical Data

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

## Fiber Parameters

No.	Items	Unit	Specification
1	Mode Field Diameter (1310nm)	μm	9.2±0.4
1	Mode Field Diameter (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	λ <sub>cc</sub> ≤1260
9	Attenuation(max.) (1310nm)	dB/km	≤0.35
9	Attenuation(max.) (1550nm)	dB/km	≤0.21
9	Attenuation(max.) (1380nm)	dB/km	≤0.35
9	Attenuation(max.) (1625nm)	dB/km	≤0.24

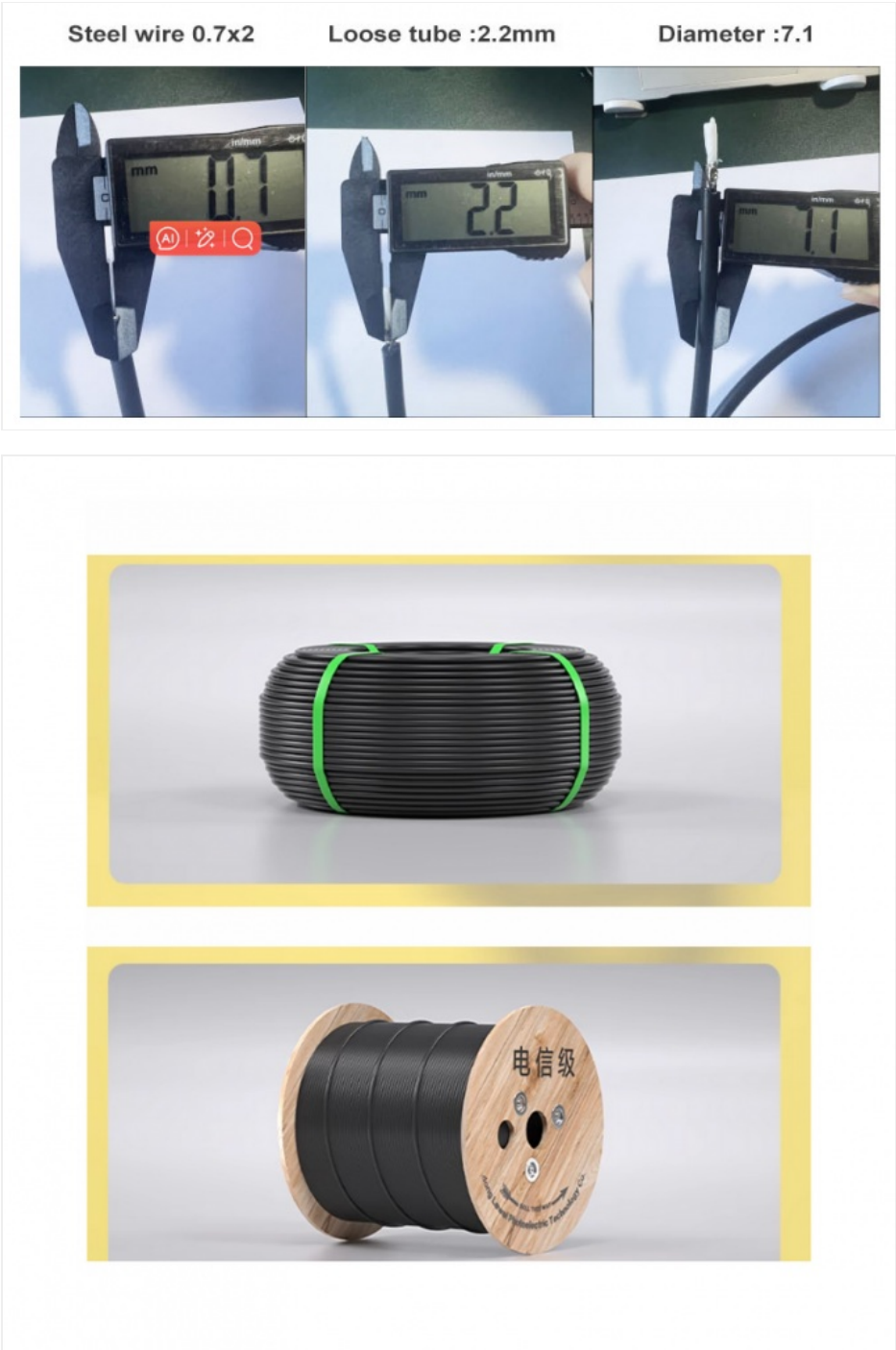
**Cable Marking & Fibers Colors**

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.

Custom marking available according to client requirements.



**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 product specifications, packaging, printing, quantity, and other details

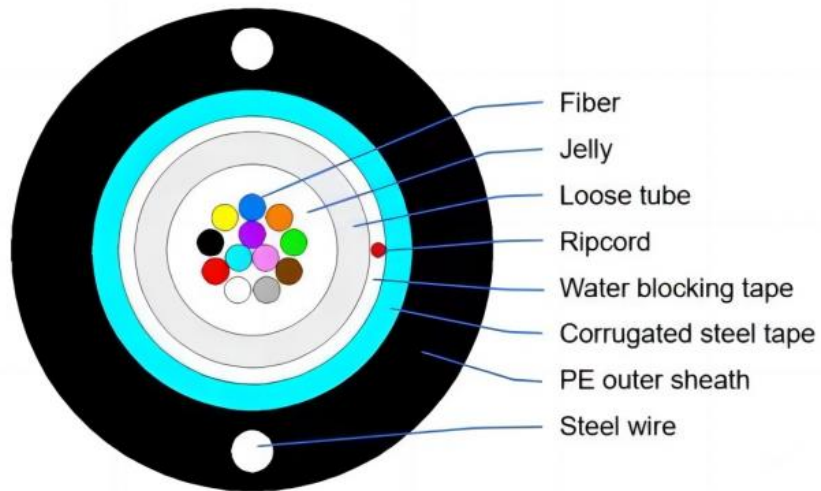
Sign the contract or Proforma Invoice

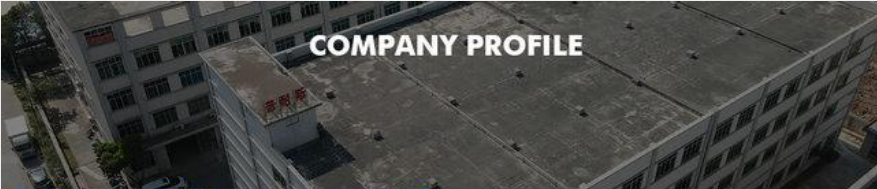
After receiving your deposit, we will arrange production

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










## 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



▲ Finished Cable Testing



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