



## GYXTW Outdoor Single Mode Fiber Optic Cable 12 Core Aerial Armoured

Our Product Introduction

### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAI SGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYXTW
- Minimum Order Quantity: 2km
- Packaging Details: Wooden Spool /drum
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit,70%Balance before shipping.
- Supply Ability: 100km

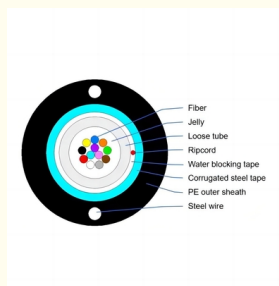


### Product Specification

- Application: Outdoor Overhead
- Cable Diameter: 7mm/8mm
- Port: Guangzhou/Shenzhen
- Fiber Type: Single-mode/Multi-mode
- Aramid Fibers: Import Or Domestic
- Fiber Grade: G.652D, G.657A1, G.657A2, G.657B3
- Fiber Mode: Single Mode
- Material: Fiber Optic
- Number Of Fiber: 2-24core
- Installation Methods: Aerial &Duct
- Capacity Of Produce: 10000m /day
- Outer Jacket Materail: PE
- Useful: FTTX
- Highlight: **armoured fiber drop cable, armoured fiber optic cable, 1km fiber drop cable**



### More Images



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

## Product Description

### Aerial Armoured Outdoor GYXTW 1km Single Mode 12 Core Fiber Optic Cable

#### Product Attributes

| Attribute             | Value                             |
|-----------------------|-----------------------------------|
| Application           | Outdoor overhead                  |
| Cable Diameter        | 7mm/8mm                           |
| Port                  | Guangzhou/Shenzhen                |
| Fiber Type            | Single-mode/Multi-mode            |
| Aramid Fibers         | Import or domestic                |
| Fiber Grade           | G.652D, G.657A1, G.657A2, G.657B3 |
| Fiber Mode            | Single Mode                       |
| Material              | Fiber Optic                       |
| Number Of Fiber       | 2-24 core                         |
| Installation Methods  | Aerial & Duct                     |
| Capacity Of Produce   | 10000m /day                       |
| Outer Jacket Material | PE                                |
| Useful                | FTTX                              |

#### Product Description

##### 6 Core GYXTW Fiber Optic Cable

Structure with central tube, Metal strength member, Flooding jelly compound, PE jacket with steel wire.

#### Standards

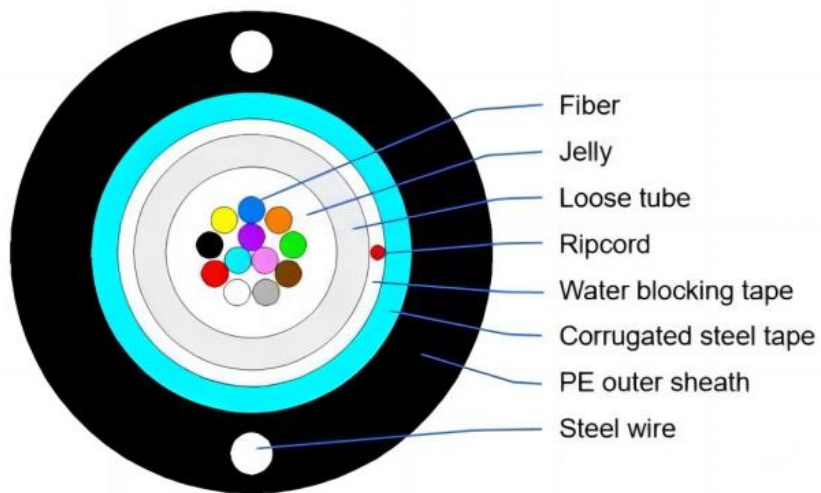
YD/T 769-2010 Outdoor central tube optical cable for telecommunications

#### Technical Parameters (Typical Value)

| Fiber Count | Structure    | Diameter (mm) | Weight (kg/km) | Tensile(N) | Crush(N) | Bending Radius(mm) |
|-------------|--------------|---------------|----------------|------------|----------|--------------------|
| 2-12        | Central tube | 8.3           | 73             | 600        | 1500     | 10D   20D          |
| 16-18       | Central tube | 8.7           | 77             | 600        | 1500     | 10D   20D          |
| 20-24       | Central tube | 8.9           | 81             | 600        | 1500     | 10D   20D          |

#### Note:

1. D refers to the cable diameter
2. The relevant technical Parameters can be adjusted according to the customer's demands
3. The block water way can be adjusted according to the customer's demands
4. The design flame resistance, anti-rodent, termite resistant cable according to the customer's requirements



#### Fiber Parameters

| No. | Items               | Unit                                         | Specification G.652D            |
|-----|---------------------|----------------------------------------------|---------------------------------|
| 1   | Mode Field Diameter | 1310nm $\mu\text{m}$<br>1550nm $\mu\text{m}$ | 9.2 $\pm$ 0.4<br>10.4 $\pm$ 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                                                                                              | $\lambda_{cc} \leq 1260$                 |
| 9  | Attenuation(max.)                    | 1310nm dB/km<br>1550nm dB/km<br>1380nm dB/km<br>1625nm dB/km                                    | ≤0.35<br>≤0.21<br>≤0.35<br>≤0.24         |
| 10 | Attenuation and wavelength           | 1310nm 1285-1330nm dB/km<br>1550nm 1525-1575nm dB/km<br>1550nm 1480-1580nm dB/km                | ≤0.04<br>≤0.03<br>≤0.05                  |
| 11 | Dispersion                           | 1288-1339nm ps/(nm.km)<br>1271-1360nm ps/(nm.km)<br>1480-1580nm ps/(nm.km)<br>1550nm ps/(nm.km) | ≥-3.5, ≤3.5<br>≥-5.3, ≤5.3<br>≤20<br>≤18 |
| 12 | Zero dispersion wavelength           | Nm                                                                                              | 1300-1324                                |
| 13 | Zero dispersion slope                | ps/(nm <sup>2</sup> •km)                                                                        | ≤0.092                                   |
| 14 | Typical value                        | ps/(nm <sup>2</sup> •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                                  |

**Steel wire 0.7x2**

**Loose tube :2.2mm**

**Diameter :7.1**



#### 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 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



guangzhou fiber cablepuls co ltd



+8613687956390



[cotton@fibercablepuls.com](mailto:cotton@fibercablepuls.com)



[fiberoptical-cables.com](http://fiberoptical-cables.com)

925-926, Building B1, No. 2 Chuanghui Avenue, Yonghe Yushan InternationalGuangzhou city,Guangdong  
province,China