



## 12 Fiber Cable OS2 Outside Plant Armored 250μm

Our Product Introduction

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### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTS-24B1.3
- Minimum Order Quantity: 2km
- Price: negotiable
- Packaging Details: Wooden Spool /drum
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit,70%Balance before shipping.
- Supply Ability: 100km



### Product Specification

- Item No.: GYTS-24B1.3
- Armored Type: Steel Tape
- Strength Member: Steel Wire
- Jacket Material: PE
- Cable Diameter: 10.6±0.2 Mm
- Application: Pipeline
- Warranty Period: 25 Years
- Color: Jacket
- Highlight: Outside Plant Armored Fiber Cable,  
OS2 Armored Fiber Cable,  
250μm Armored Fiber Cable



### Product Description

#### 12 Fiber Cable, OS2, Outside Plant Armored, 250μm

The core structure of overhead fiber optic cable is the same as that of duct fiber optic cable mentioned above. The difference is that its sheath is double-sided chrome-plated plastic coated steel tape (PSP) + polyethylene. The structure is shown in below.

Compared with duct fiber optic cable, overhead fiber optic cable has better resistance to lateral pressure. It is suitable for scenarios that require greater pressure on the side of the fiber optic cable.

For example, in the section dominated by overhead laying, or for the access of home broadband, it can also be used for pipeline laying.

#### Characteristics:

- Steel jacket offers high tension and crush resistance special gel in the tube offers critical protection for the fibers
- With steel central strength member ·PE jacket itself prevents UV, and UV material can be added ·to perform much better It's available under high and low temperatures ·anti-aging

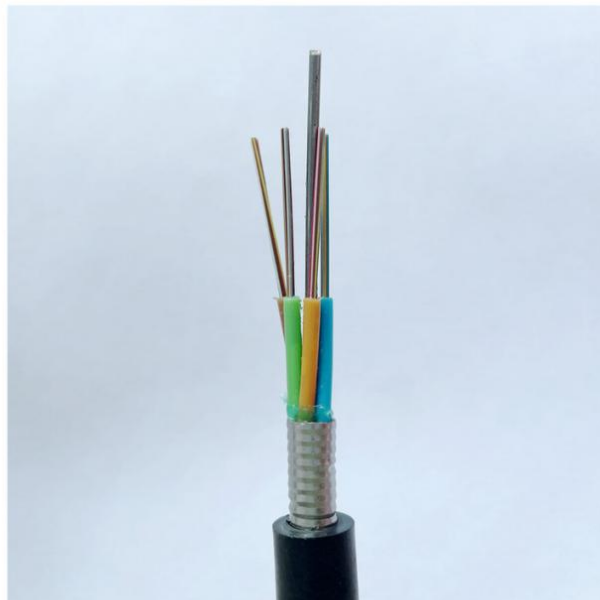
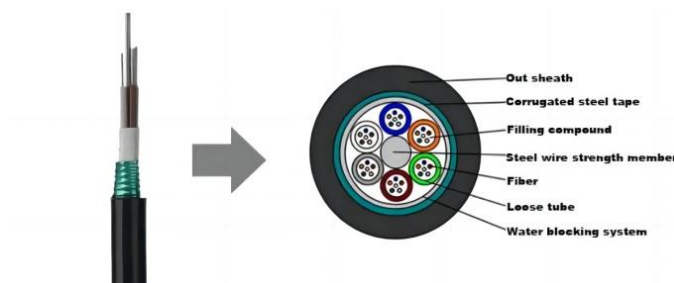
#### Applications:

- Conduit/buried ·Connecting communication equipments ·Mulfi-cores wiring systems in data centers

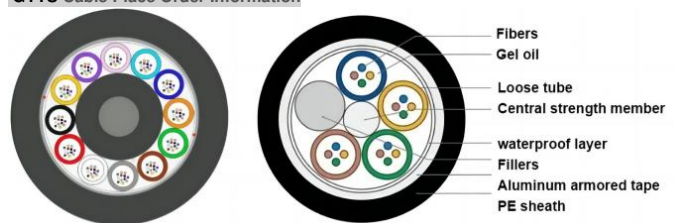
#### Standard:

- GYTS complies with YD/T901-2009 and IEC 60794-1 standards ·YD/T 901-2009 & IEC 60794-1

Our Product Introduction



#### GYTS Cable Place Order Information



#### CABLE DATA

| Cable Type   | Fiber Count | Stranded units | Cable Diameter (mm) | Cable Weight (kg/km) | Bending Radius Dynamic/Static (MM) | Tensile Strength Long/Short Term (N) | Crush Resistance Long/Short Term (N/100 mm) |
|--------------|-------------|----------------|---------------------|----------------------|------------------------------------|--------------------------------------|---|
| GYTA≤60      | ≤60         | 5              | 9.8                 | 108                  | 20D/10D                            | 240/800                              | 300/1000                                    |
| GYTA-62~72   | 62~72       | 6              | 10.4                | 129                  | 20D/10D                            | 300/850                              | 300/1000                                    |
| GYTA-74~96   | 74~96       | 8              | 10.6                | 132                  | 20D/10D                            | 350/1200                             | 300/1000                                    |
| GYTA-98~120  | 98~120      | 10             | 12.1                | 161                  | 20D/10D                            | 450/1400                             | 300/1000                                    |
| GYTA-122~144 | 122~144     | 12             | 13.6                | 198                  | 20D/10D                            | 700/2000                             | 300/1000                                    |

|                                |   |  |  |  |  |  |  |
|--------------------------------|---|--|--|--|--|--|--|
| Note                           | See Specification Sheet for technical details   |  |  |  |  |  |  |
| Product Type                   | Bulk Fiber Optic Cable  |  |  |  |  |  |  |
| Region                         | China   |  |  |  |  |  |  |
| Environment                    | Outside Plant   |  |  |  |  |  |  |
| Armor or Non-Armor             | Armored   |  |  |  |  |  |  |
| Fiber Type                     | Singlemode  |  |  |  |  |  |  |
| Number of Fibers               | 12  |  |  |  |  |  |  |
| Buffered, Loose Tube or Ribbon | 250um Loose Tube  |  |  |  |  |  |  |
| Flammability Rating            | Not Rated   |  |  |  |  |  |  |
| Cable Color                    | Black   |  |  |  |  |  |  |
| Sub Brand                      | Cablepuls®  |  |  |  |  |  |  |
| Part Features                  | Gel-free design with water swellable tape, UV resistant cable sheathing, Medium density polyethylene jacket |  |  |  |  |  |  |

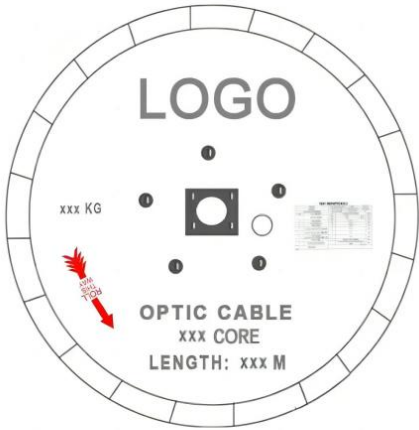
#### Fiber Parameters

| No. | Items                             | Unit   | Specification |
|-----|-----------------------------------|--------|---------------|
| 1   | Mode Field Diameter               | 1310nm | 9.2±0.4       |
|     |                                   | 1550nm | 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         |

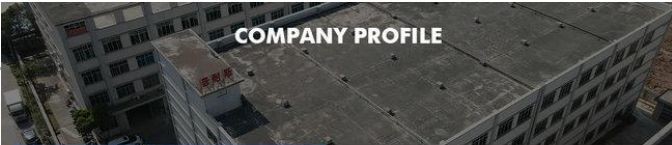
|    |                                      |                          |                       |
|----|--------------------------------------|--------------------------|-----------------------|
| 6  | Coating Non-Circularity              | %                        | ≤6.0                  |
| 7  | Cladding-Coating Concentricity Error | μm                       | ≤12.0                 |
| 8  | Cable Cutoff Wavelength              | nm                       | λ <sub>cc</sub> ≤1260 |
| 9  | Attenuation(max.)                    | 1310nm                   | dB/km                 |
|    |                                      | 1550nm                   | dB/km                 |
|    |                                      | 1380nm                   | dB/km                 |
|    |                                      | 1625nm                   | dB/km                 |
| 10 | Attenuation and wavelength           | 1310nm 1285-1330nm       | dB/km                 |
|    |                                      | 1550nm 1525-1575nm       | dB/km                 |
|    |                                      | 1550nm 1480-1580nm       | dB/km                 |
| 11 | Dispersion                           | 1288-1339nm              | ps/(nm.km)            |
|    |                                      | 1271-1360nm              | ps/(nm.km)            |
|    |                                      | 1480-1580nm              | ps/(nm.km)            |
|    |                                      | 1550nm                   | ps/(nm.km)            |
| 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               |

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.



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 ISO 9000:2015, 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.



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co ltd**

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## 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](mailto: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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