

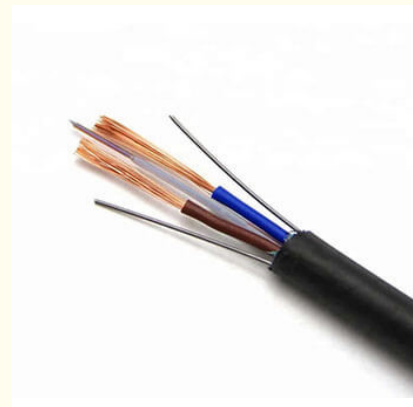


## 24-Core GDXTW Photoelectric Composite Fiber Optic Cable

### Our Product Introduction

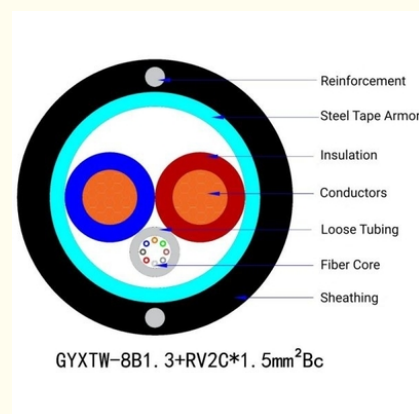
#### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GDXTW
- 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

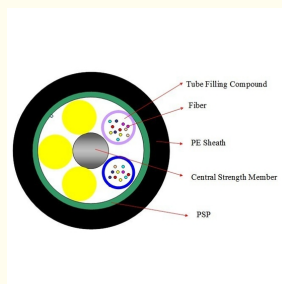
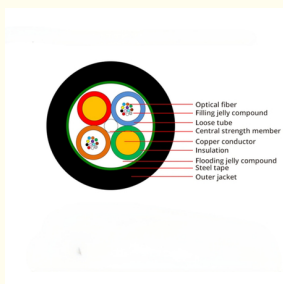


#### Product Specification

- Warranty Period: 25 Years
- Jacket Color: Black
- Jacket Material: PE/LSZH
- Fiber Type: G.652D
- Crush Resistance: Long Term: 300N/100mm, Short Term: 1000N/100mm
- Tensile Strength: Long Term: 600N, Short Term: 1500N
- Storage Temperature: -40 To +70
- Outer Jacket Material: HDPE
- Cable Color: Black
- Cable Diameter: 12.5 Mm
- Armored Type: Steel Tape/Aluminum
- Application: Outdoor Duct Installation
- Fiber Count: 24/48/96/144/288
- Highlight: Photoelectric Composite Fiber Optic Cable, GDXTW Composite Fiber Optic Cable



#### More Images



## Product Description

### GDXTW 12 Core GDTS 24 Cores Photoelectric Composite Fiber Optic Cable

#### Product Specifications

| Attribute             | Value  |
|-----------------------|--|
| Warranty Period       | 25 years                                       |
| Jacket Color          | Black  |
| Jacket Material       | PE/LSZH  |
| Fiber Type            | G.652D   |
| Crush Resistance      | Long Term: 300N/100mm, Short Term: 1000N/100mm |
| Tensile Strength      | Long Term: 600N, Short Term: 1500N             |
| Storage Temperature   | -40 to +70                                     |
| Outer Jacket Material | HDPE   |
| Cable Diameter        | 12.5 mm  |
| Armored Type          | Steel Tape/Aluminum                            |
| Application           | Outdoor duct installation                      |
| Fiber Count           | 24/48/96/144/288                               |

#### Product Description

Central Tube Photoelectric Composite Fiber Cable GDXTW 12 Core GDTS 24 Cores with copper wires for integrated power and signal transmission.

Photoelectric integration solves equipment power and signal transmission needs

Enables centralized monitoring and maintenance of equipment power

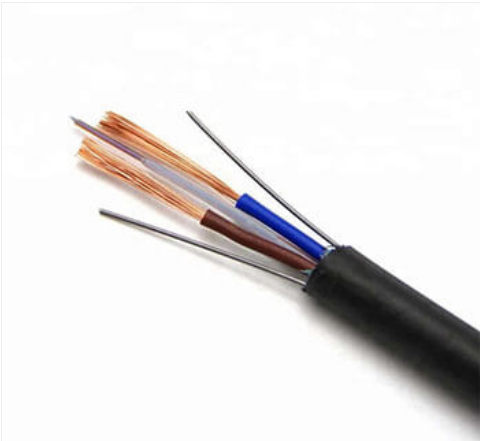
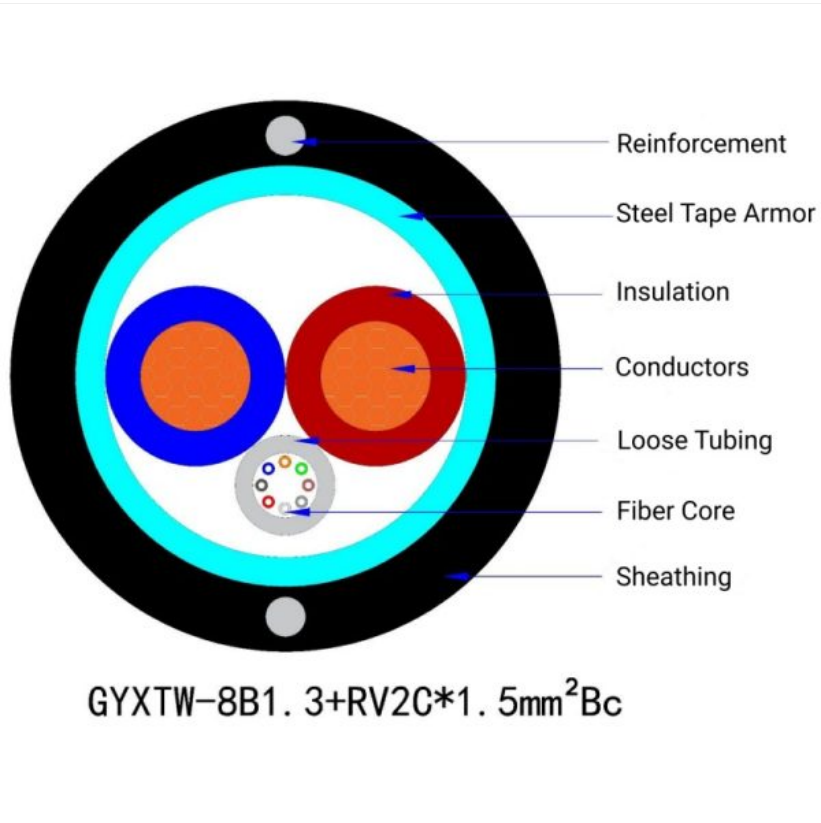
Improves power manageability and reduces coordination requirements

Reduces purchase and construction costs

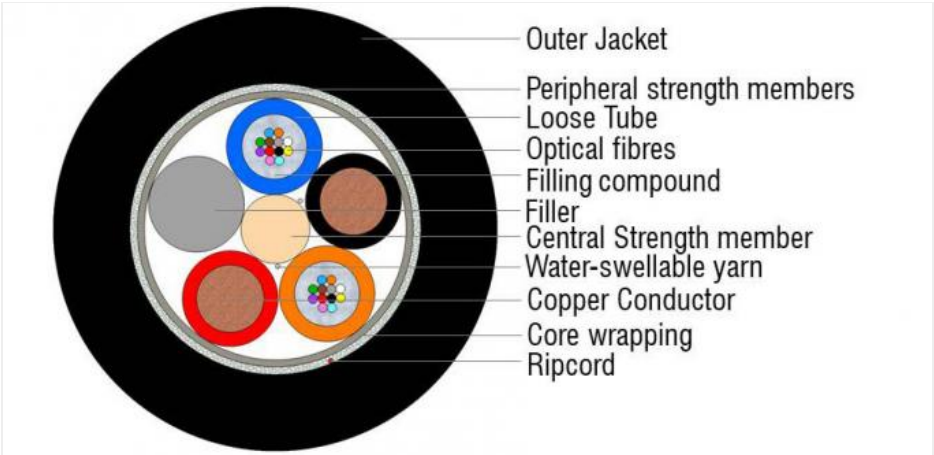
Precision fiber length control ensures excellent tensile performance and temperature characteristics

Ideal for DC remote power supply systems in distributed base stations (BBU to RRU connections)

Suitable for direct burial applications



**Hybrid Cable Order Information**



**Product Parameters**

| Copper | RVV2*2.5MM | RVV-4*2.5mm | RVV-6*2.5mm | RVV-8*2.5mm |
|--------|------------|-------------|-------------|-------------|
| Weight | 347        | 382         | 502         | 628         |

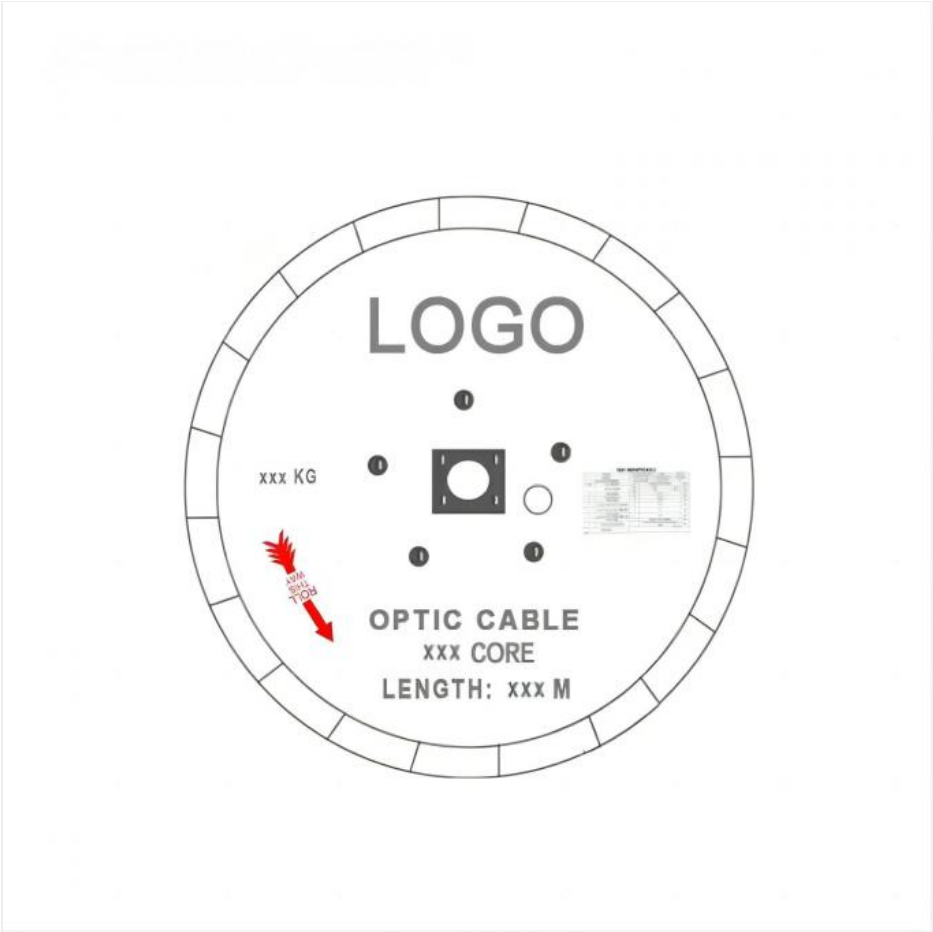
| Fiber Count | Structure | Fibers per Tube | Loose Tube Diameter | Conductor Cross Sectional Area | Cable Diameter | Cable Weight |
|-------------|-----------|-----------------|---------------------|--------------------------------|----------------|--------------|
| 2-18        | 1         | 2-18            | 1.8±0.1             | 1                              | 9.4            | 92           |
| 20-24       | 1         | 20-24           | 1.9±0.1             | 1                              | 10.4           | 106          |
| 2-18        | 1         | 2-18            | 1.8±0.1             | 1.5                            | 10.8           | 119          |
| 20-24       | 1         | 20-24           | 1.8±0.1             | 1.5                            | 11.3           | 127          |

| Item                                 | Unit             | Specification              |
|--------------------------------------|------------------|----------------------------|
| Fiber Type                           |                  | G652D                      |
| Mode Field Diameter                  | 1310nm<br>1550nm | 9.2±0.4 μm<br>10.4±0.8 μm  |
| Cladding Diameter                    |                  | 125.0±0.1 μm               |
| Cladding Non-Circularity             |                  | ≤1.0%                      |
| Core/Cladding Concentricity Error    |                  | ≤0.5 μm                    |
| Coating Diameter                     |                  | 245±7 μm                   |
| Coating/Cladding Concentricity Error |                  | ≤12 μm                     |
| Cable Cut-off Wavelength             |                  | ≤1260 μm                   |
| Attenuation Coefficient              | 1310nm<br>1550nm | ≤0.36 db/km<br>≤0.22 db/km |
| Proof Stress Level                   |                  | ≥100 kpsi                  |

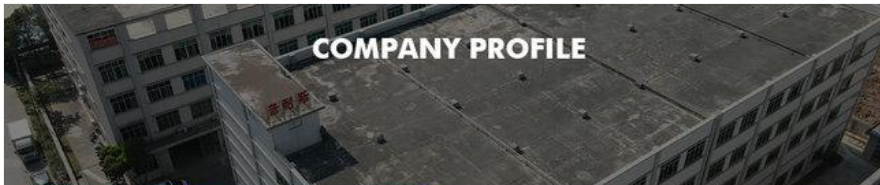
*Note: Other parameters meet standard ITU-T G.652*

**Cable Marking & Fiber 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 cable marking available according to client requirements.







## 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










## OEM & Customized Order Process

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 requirements

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



guangzhou fiber cablepuls co ltd



+8613687956390



cotton@fibercablepuls.com



fiberoptical-cables.com

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