



## Dierct Buried Cable GYTA53 Direct Buried / Aerial Pipeline Fiber Optic Cable

### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTA53-36B1.3
- 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

- Item No.: GYTA53-12B1.3
- Jacket Color: Black
- Jacket Material: PE/LSZH
- Fiber Type: G.652D
- Installation Method: Direct Buried
- Outer Diameter: 13 Mm
- Armored Type: Single Armor Double Jacket
- Armored Material: Steel Tape/Aluminum
- Highlight: **Direct Buried Cable GYTA53, Aerial Pipeline Fiber Optic Cable, Direct Buried Cable**



## Product Description

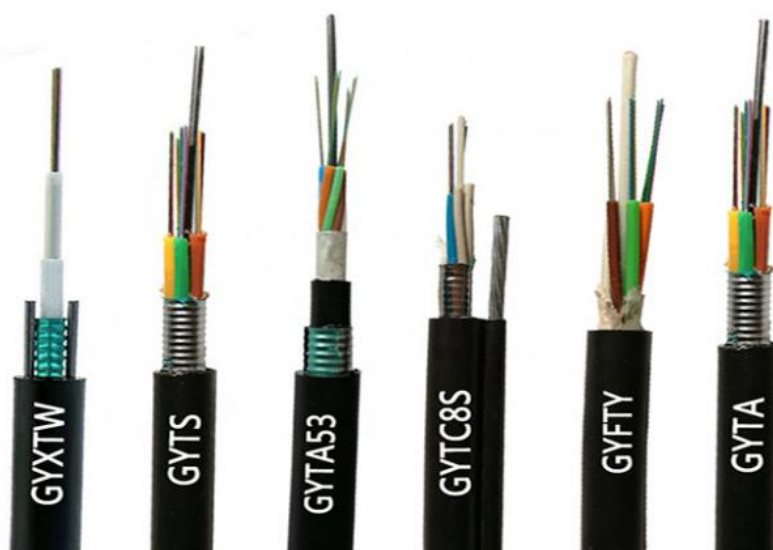
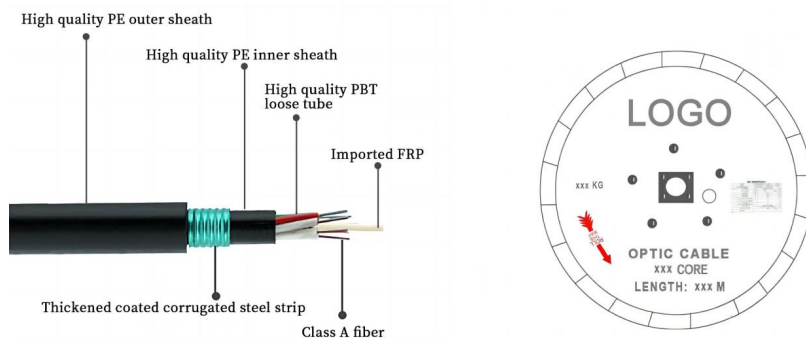
### Dierct Buried Cable GYTA53 Direct Buried / Aerial Pipeline Fiber Optic Cable

GYTA53 is the steel tape armored outdoor fiber optic cable used for direct buried. single mode GYTA53 fiber optic cable and multimode GYTA53 fiber optic cables; fiber counts from 2 to 432.

#### Applications

These corrugated steel tape and aluminum tape armored and double sheath cables are suitable for installation in harsh environments where mechanical impact on the cable is to be expected.e.g. in direct buried application. They are also suitable for installation in ducts where the rodent resistance is to be expected or the moisture resistance is expected.

### GYFTY53 Cable Place Order Information



#### CABLE DATA

| Fiber count | Structure | Fiber 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) |
|-------------|-----------|----------------|--------------------------|--------------------------------|----------------------------------------|----------------------------|----------------------|
| 4           | 1+5       | 4              | 1.8±0.1                  | 1.4/1.4                        | 1.6                                    | 11.5±0.2                   | 135                  |
| 6           | 1+5       | 6              | 1.9±0.1                  | 1.4/1.4                        | 1.6                                    | 11.5±0.2                   | 135                  |
| 8           | 1+5       | 8              | 1.9±0.1                  | 1.4/1.4                        | 1.6                                    | 11.5±0.2                   | 135                  |
| 12          | 1+5       | 6              | 1.85±0.1                 | 1.4/1.4                        | 1.6                                    | 11.5±0.2                   | 135                  |
| 24          | 1+5       | 6              | 1.85±0.1                 | 1.4/1.4                        | 1.6                                    | 11.5±0.2                   | 135                  |
| 36          | 1+5       | 12             | 1.9±0.1                  | 1.6/1.6                        | 1.6                                    | 11.5±0.2                   | 135                  |
| 48          | 1+5       | 12             | 1.95±0.1                 | 1.5/1.5                        | 1.6                                    | 12.2±0.2                   | 145                  |
| 60          | 1+5       | 12             | 1.95±0.1                 | 1.5/1.5                        | 1.6                                    | 12.2±0.2                   | 145                  |
| 72          | 1+6       | 12             | 1.95±0.1                 | 2.0/2.0                        | 1.6                                    | 12.2±0.2                   | 160                  |
| 96          | 1+8       | 12             | 1.95±0.1                 | 1.6/3.2                        | 1.6                                    | 13.8±0.2                   | 180                  |
| 144         | 1+12      | 12             | 1.95±0.1                 | 1.8/5.7                        | 1.6                                    | 16.7±0.3                   | 230                  |

#### Fiber Parameters

| No. | Items | Unit | Specification |
|-----|-------|------|---------------|
|-----|-------|------|---------------|

|    |                                      |                    |                          |                          |
|----|--------------------------------------|--------------------|--------------------------|--------------------------|
|    |                                      |                    |                          | G.652D                   |
| 1  | Mode Field Diameter                  | 1310nm             | μm                       | 9.2±0.4                  |
|    |                                      | 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                       | $\lambda_{cc} \leq 1260$ |
| 9  | Attenuation(max.)                    | 1310nm             | dB/km                    | ≤0.35                    |
|    |                                      | 1550nm             | dB/km                    | ≤0.21                    |
|    |                                      | 1380nm             | dB/km                    | ≤0.35                    |
|    |                                      | 1625nm             | dB/km                    | ≤0.24                    |
| 10 | Attenuation and wavelength           | 1310nm 1285-1330nm | dB/km                    | ≤0.04                    |
|    |                                      | 1550nm 1525-1575nm | dB/km                    | ≤0.03                    |
|    |                                      | 1550nm 1480-1580nm | dB/km                    | ≤0.05                    |
| 11 | Dispersion                           | 1288-1339nm        | ps/(nm.km)               | ≥-3.5,<br>≤3.5           |
|    |                                      | 1271-1360nm        | ps/(nm.km)               | ≥-5.3,<br>≤5.3           |
|    |                                      | 1480-1580nm        | ps/(nm.km)               | ≤20                      |
|    |                                      | 1550nm             | ps/(nm.km)               | ≤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                  |

#### 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



▲ Color Coating

▲ Color Fiber Testing

▲ Fiber to Loose Tube

▲ Stranded Loose Tube

▲ PE Sheath Coated

▲ Finished Cable Testing



### 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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