



GYTA53 12 Core Double Armored Direct Burial Fiber Optic Cable

Our Product Introduction

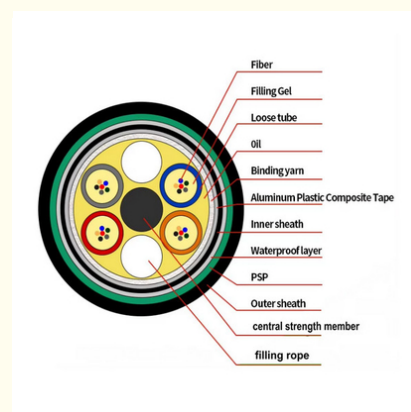
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTA53-12b1.3
- 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

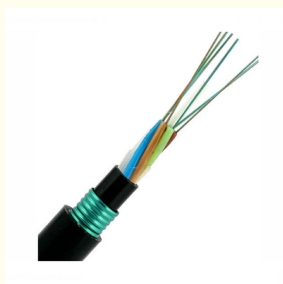


Product Specification

- Item No.: GYTA53-12b1.3
- Application: Underground
- Armored: Steel Tape/ALUMINUM TAPE
- Application: Outdoor
- Strength Member: FRP/STEEL WIRE
- WARRANTY: 25 YEARS
- Highlight: Direct Buried Fiber Cable GYTA53, Highway Direct Buried Cable, Double Armored Direct Buried Cable



More Images



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Product Description

Fiber Direct Buried Cable GYTA53 12 Cores Double Armored Underground For Highway

Product Specifications

| | |
|-----------------|--------------------------|
| Item No. | GYTA53-12b1.3 |
| Application | Underground |
| Armored | Steel Tape/ALUMINUM TAPE |
| Environment | Outdoor |
| Strength Member | FRP/STEEL WIRE |
| Warranty | 25 YEARS |

Product Description

The **GYTA53 Direct Burial Fiber Optic Cable** is designed to deliver a high fiber count with the flexibility and versatility required for today's most demanding installations, including direct burial. Supports up to 144 cores of optical fiber.

Applications

These corrugated steel tape and aluminum tape armored double sheath cables are suitable for installation in harsh environments where mechanical impact is expected, including direct buried applications. They are also ideal for duct installation where rodent resistance or moisture protection is required.

Key Features

- Loose tube gel filling structure provides excellent fiber protection
- Double sheathed single armouring (GYTY53) and double sheathed double armouring (GYTA53) for rat prevention and direct burial
- UV and moisture-proof design





Cable Technical Data

| Fiber count | Fibers per tube | Loose tube diameter | CSM diameter | Nominal thickness of outer jacket | Cable diameter | Cable weight |
|-------------|-----------------|---------------------|--------------|-----------------------------------|----------------|--------------|
| 4 | 4 | 1.8±0.1 | 1.4/1.4 | 1.6 | 11.5±0.2 | 140 |
| 6 | 6 | 1.9±0.1 | 1.4/1.4 | 1.6 | 11.5 ±0.2 | 140 |
| 8 | 8 | 1.9±0.1 | 1.4/1.4 | 1.6 | 11.5 ±0.2 | 140 |
| 12 | 6 | 1.9±0.1 | 1.4/1.4 | 1.6 | 11.5 ±0.2 | 140 |
| 24 | 6 | 1.9±0.1 | 1.4/1.4 | 1.6 | 11.5±0.2 | 140 |
| 36 | 12 | 1.9±0.1 | 1.6/1.6 | 1.6 | 11.5±0.2 | 140 |
| 48 | 12 | 2.2±0.1 | 1.6/1.6 | 1.6 | 12.2±0.2 | 140 |
| 72 | 12 | 2.2±0.1 | 1.6/3.5 | 1.6 | 12.2±0.2 | 150 |
| 96 | 12 | 2.2±0.1 | 2.0/2.0 | 1.6 | 12.2±0.2 | 160 |
| 144 | 12 | 2.2±0.1 | 2.0/6.4 | 1.8 | 13.8±0.2 | 180 |

Fiber Parameters (G.652D)

| 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 |

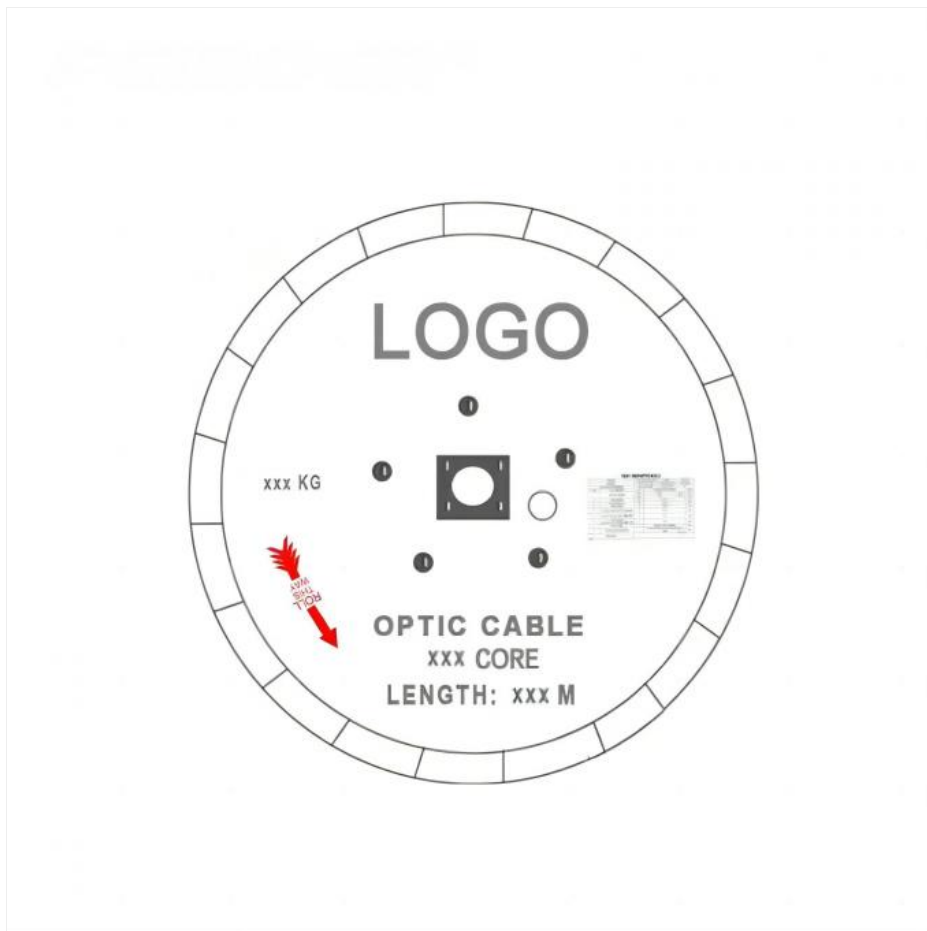
| | | | |
|---|--------------------------------------|-------|--------------------------|
| 6 | Coating Non-Circularity | % | ≤6.0 |
| 7 | Cladding-Coating Concentricity Error | μm | ≤12.0 |
| 8 | Cable Cutoff Wavelength | nm | $\lambda_{cc} \leq 1260$ |
| 9 | Attenuation(max.) (1310nm) | dB/km | ≤0.35 |
| 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 & Fiber Colors

Standard marking includes: 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.



Ordering Information

Send your purchase intention to our email: 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

COMPANY PROFILE



ABOUT FIBER

Guangzhou fiber cablepulps co.,ltd

Fiber cablepulps 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



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