



## Direct Burial Fiber Optic Cable GYTA53 24 Cores Moisture Proof Water Blocking

Our Product Introduction

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### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTA53-24b1.3
- 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

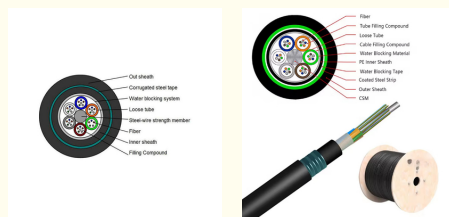


### Product Specification

- Item No.: GYTA53-24b1.3
- Jacket Material: PE
- Fiber Type: Singlemode/multimode
- Armored Type: Steel Tape/aluminum
- Application: Dicetly Buried/underground
- Fiber Count: 72 Cores
- Feature: Moisture-Proof Water-Blocking Material
- Highlight: Direct Burial Fiber Optic Cable GYTA53, Water Blocking Fiber Optic Cable, GYTA53 Direct Burial Cable



### More Images



### Product Description

#### Direct Burial Fiber Optic Cable GYTA53 24 Cores Moisture-Proof Water-Blocking Material

GYFTA53 cable is a type of outdoor, armoured fiber optic cable designed for long-distance, high-capacity communication networks. It is commonly used in both aerial and underground installations.

The cable features a central tube design with stranded loose tubes and water-blocking gel. The loose tubes provide protection to the fibers and allow for easy installation and maintenance. The gel provides water resistance, making the cable suitable for deployment in harsh environmental conditions.

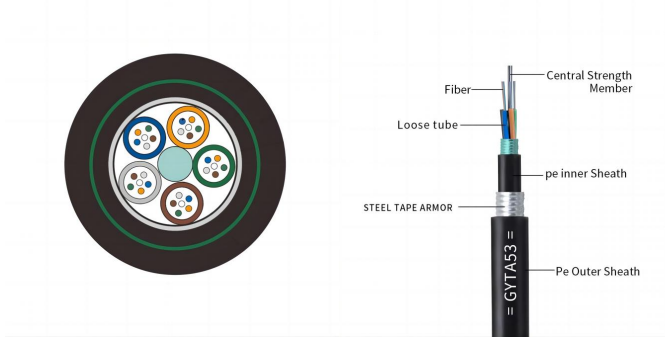
GYTA53 is the steel tape armored outdoor fiber optic cable used for direct buried. single mode GYTA53 fiber optic cable and multimode GYTA53 fiber optic cables; fiber counts from 2 to 432.

#### PRODUCT FEATURES

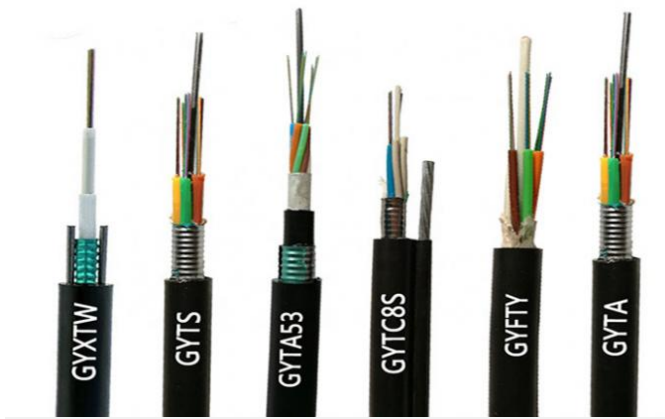
The inner casing is filled with buffer grease, which protects the optical fiber and plays a waterproof role

Our Product Introduction

The use of loose casing stranded to ensure the stability of the cable structure
Strengthening parts to bear the axial load
The cable core is filled with water-blocking ointment, which can effectively waterproof the cable
Aluminum tape longitudinal wrapping, good moisture barrier performance
The inner sheath can effectively buffer the external mechanical load
Longitudinal wrapping of steel tape, with good lateral pressure resistance



#### GYTA53 Cable Place Order Information



#### CABLE DATA

fiber count	fibers per tube	loose tube diameter	CSM diameter	nominal tickness 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

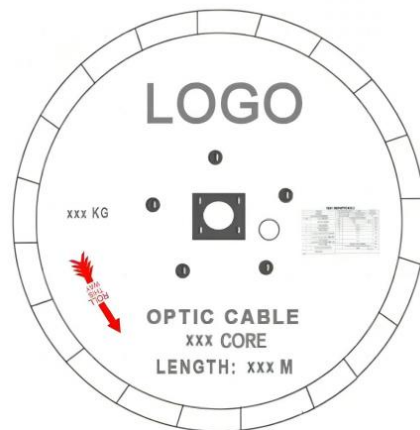
No.	Items		Unit	Specification
				G.652D
1	Mode Field Diameter	1310nm	μm	9.2±0.4
		1550nm	μm	10.4±0.8
2	Cladding Diameter		μm	125.0±1.0
3	Cladding Non-Circularity		%	≤1.0
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	245±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0
8	Cable Cutoff Wavelength		nm	λ <sub>cc</sub> ≤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, ≤3.5
		1271-1360nm	ps/(nm.km)	≥-5.3, ≤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/(nm2*km)	≤0.092
14	Typical value		ps/(nm2*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

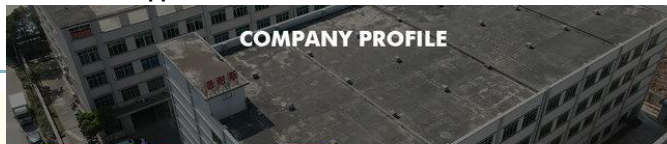
COMPANY Fiber cable name N\*cores G.652D 2024 XXXXm

\*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 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 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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## 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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