



GYTA53 96 Core Direct Burial Fiber Optic Cable PE Double Jacket

Our Product Introduction

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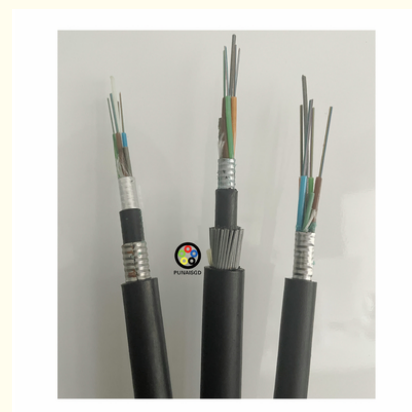
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTA53-96b1.3
- 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

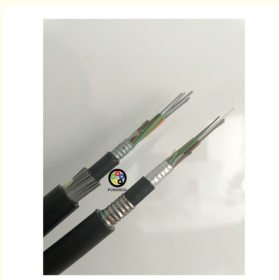
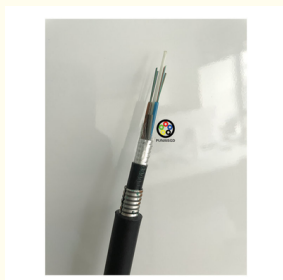


Product Specification

- Item No.: GYTA53-96b1.3
- Jacket Material: PE Double
- Fiber Type: Singlemode/multimode
- Armored Type: Steel Tape And Aluminum
- Application: Directly Buried/underground
- Fiber Count: 96 Cores
- Feature: Moisture-Proof Water-Blocking Material
- Highlight: **GYTA53 Direct Burial Fiber Optic Cable, Underground Direct Burial Fiber Optic Cable**



More Images



Product Description

Direct Burial Fiber Optic Cable GYTA53 96 Cores Underground

Product Specifications

Attribute	Value
Item No.	GYTA53-96b1.3
Jacket Material	PE double
Fiber Type	Singlemode/multimode
Armored Type	Steel tape and aluminum
Application	Directly buried/underground
Fiber Count	96 cores
Feature	Moisture-Proof Water-Blocking Material

Product Description

This specification covers the design requirements and performance standard for the supply of optical fiber cable, including optical characteristics, mechanical characteristics and geometrical characteristics.

Cable Specification

Item Name: Fiber optical cable GYTA53

Total Fiber Count: 2-288 core

Applications

Interbuilding voice or data communication backbone

Installed in duct, underground conduit

Standards and Certifications

Fiber optical cable complies with Standard YD/T 769-2003, IEC60794-1

Certificates: CE ROHS ISO900, CE, FCC

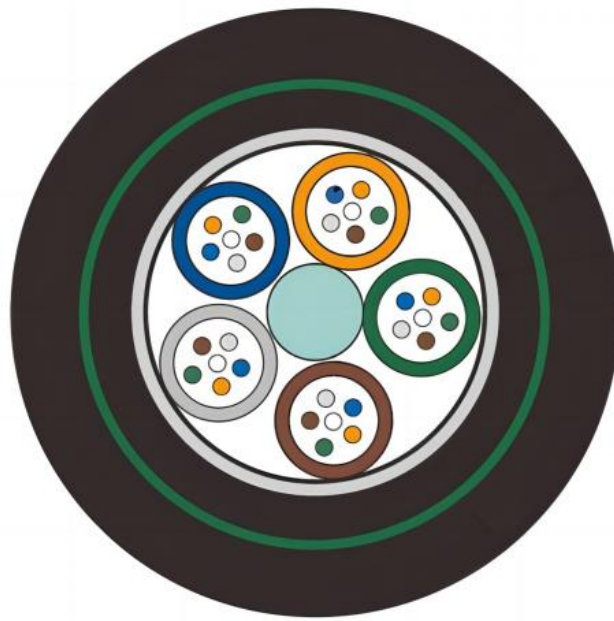
Key Characteristics

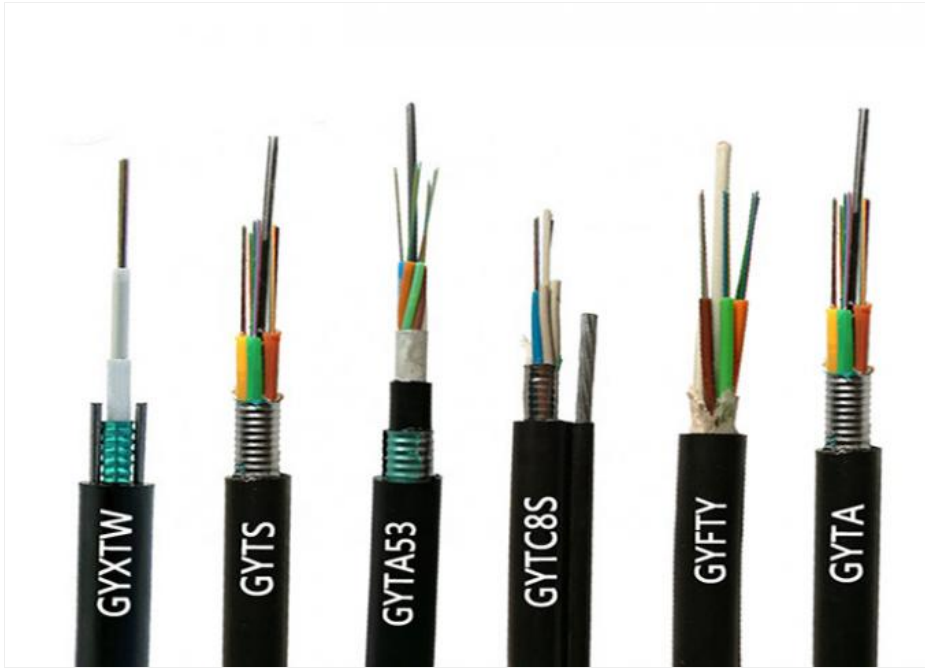
Good mechanical and temperature performance

High strength loose tube that is hydrolysis resistant

Special tube filling compound ensures critical protection of fiber

Crush resistance and flexibility





Cable Dimensions

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

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	λ _{cc} ≤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
10	Attenuation and wavelength 1310nm 1285-1330nm	dB/km	≤0.04

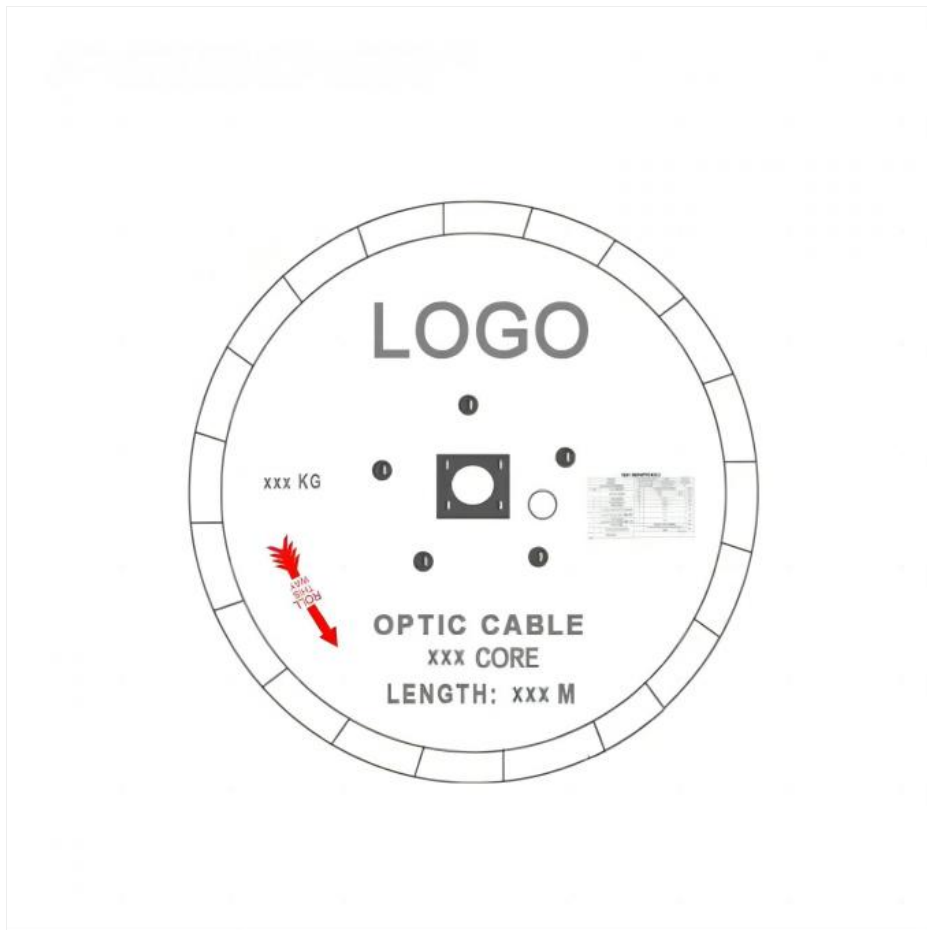
10	Attenuation and wavelength 1550nm 1525-1575nm	dB/km	≤0.03
10	Attenuation and wavelength 1550nm 1480-1580nm	dB/km	≤0.05
11	Dispersion 1288-1339nm	ps/(nm.km)	≥-3.5, ≤3.5
11	Dispersion 1271-1360nm	ps/(nm.km)	≥-5.3, ≤5.3
11	Dispersion 1480-1580nm	ps/(nm.km)	≤20
11	Dispersion 1550nm	ps/(nm.km)	≤18
12	Zero dispersion wavelength	Nm	1300-1324
13	Zero dispersion slope	ps/(nm ² •km)	≤0.092
14	Typical value	ps/(nm ² •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	dB	≤0.01

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 marking available according to client requirements.



Ordering Information

How to Place an OEM or Customized Order

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 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, Lenoovo, and many other large national enterprises.



OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM



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