



Double Jacket Direct Buried GYTA53 Type Outdoor Fiber Optic Cable

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAI SGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTA53
- 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
- Jacket Material: PE/LSZH
- Fiber Type: G.652D
- Armored Type: Steel Tape/Aluminum
- Application: Directly Buried
- Fiber Count: 144 Cores
- Armor Type: Steel Tape/ALUMINUM TAPE
- Highlight: **Double Jacket Direct Buried Cable, Outdoor Fiber Optic Cable, GYTA53 Type Direct Buried Cable**



More Images



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Product Description

Direct Burial Cable Double Jacket Direct Buried GYTA53 Type Outdoor Fiber Optic Cable

1. General Description

The GYTA53 optical fiber cable is designed for long-distance communication, offering high performance and durability in various environmental conditions. This specification outlines the technical requirements for a 48-core GYTA53 optical fiber cable.

2. Cable Structure

The GYTA53 cable consists of the following layers:

Central Strength Member: Fiberglass reinforced plastic (FRP) or steel wire.

Optical Fibers: 48 single-mode or multimode optical fibers arranged in loose tubes.

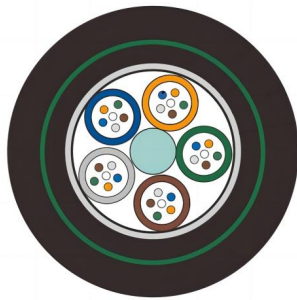
Loose Tubes: Color-coded, filled with water-blocking gel.

Cable Core: Loose tubes stranded around the central strength member.

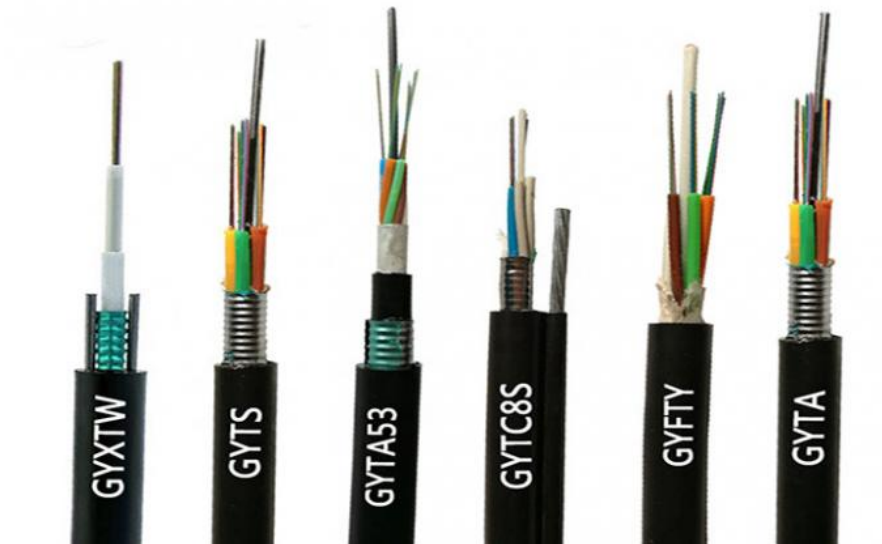
Water-Blocking Tape: Applied over the cable core for moisture protection.

Corrugated Steel Tape: Armored layer for mechanical protection.

Outer Sheath: Black polyethylene (PE) or flame-retardant material.



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 _{cc} ≤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/(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	≤0.01dB		

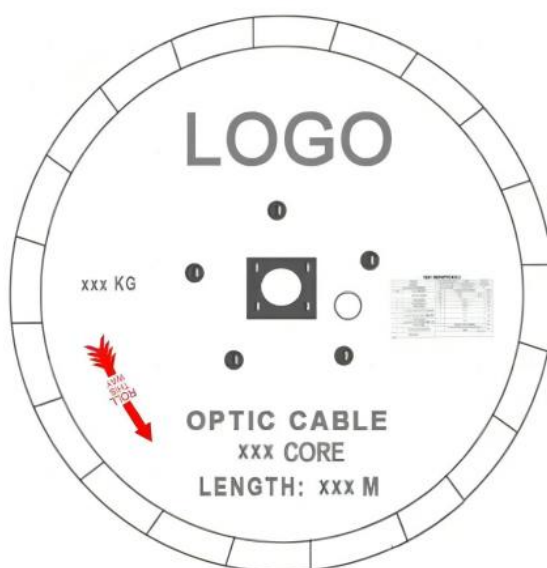
Cable Marking&Fibers Colors

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.



COMPANY PROFILE



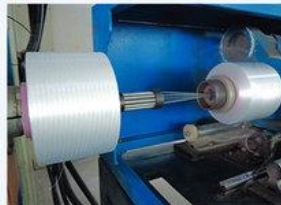
ABOUT FIBER

Guangzhou fiber cablepuls co.,ltd

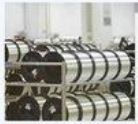
Fiber cablepuls is one of the high-tech fiber optic cable factories in China that can produce the most complete series of fiber optic cables, equipped with the most advanced fiber optic cable manufacturing, and have the most advanced fiber optic connector production and testing equipment in China.

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
- 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.



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