

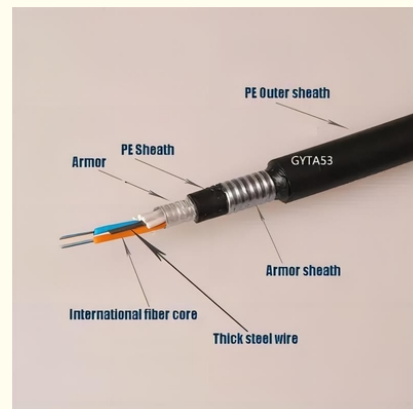


GYFTA53 GYTA53 Optical Direct Buried Cable TeleTechno Communications

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/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: Double PE SHEATH
- Fiber Type: Single Mode/MULTI MODE
- Armored Type: Double Armoured
- Application: Directly Buried
- Fiber Count: 12-144
- Armored: Steel Tape/ALUMINUM TAPE
- Highlight: **Optical Direct Buried Cable,
GYTA53 Direct Buried Cable,
GYFTA53 Direct Buried Cable**



More Images



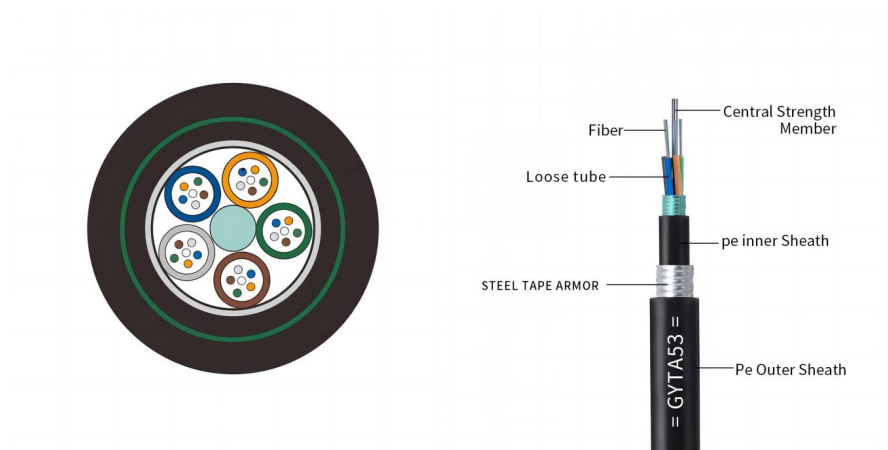
Product Description

GYFTA53 GYTA53 Optical Cable TeleTechno Communications

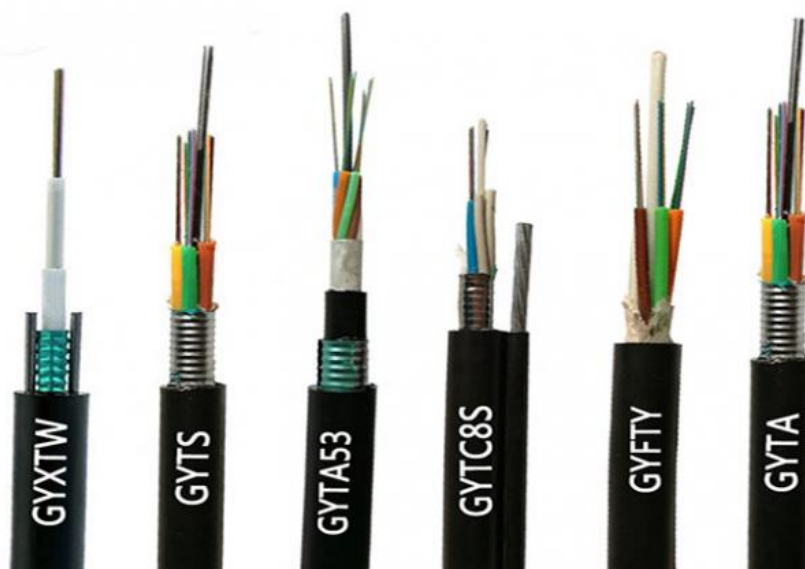
GYFTA53 cable is a type of outdoor, armoured fiber optic cable designed for long-distance, high-capacity communication networks. It is commonly used in both aerial and underground installations.

Product Constructions details:

- 1) A Fiber Reinforced Plastic (FRP Rod) is located in center of core as non-metallic strength member.
- 2) Loose Tubes are made up of PBT (High Modulus Plastic) which has high capacity to withstand wide temperature fluctuations.
- 3) The Tubes and all spaces between the tubes are filled with a water-resistant jelly compound for moisture ingress protection.
- 4) The Tubes and all spaces between the tubes are filled with Moisture Resistance GEL to prevent longitudinal moisture ingress.
- 5) Number of tubes depends on the number of fiber, For Multi-Tube Model, usually we have 12 to 24 fiber per tube. For 24 fiber cable- we shall use 4 Tubes with 6 Fibers each. For a 48 fiber cable, 4 Tube Model, we shall have 12 fibers each tube, For a 96 fiber cable, we shall have 6 Tubes with 16 fibers each tube, for 144 fiber model, we shall have 6 Tubes with 24 fibers each etc.
- 6) The tubes are bound together with cloth binder so the FRP and the loose tubes retains its position and the circular shape of cable is maintained.
- 7) After the cloth binder, there is APL (Aluminium Plastic Lamination Tape). This is inner armor- Inner armor is Aluminium Tape to maintain the flexibility of the cable.
- 8) Over the APL a thin inner sheath is extruded.
- 9) After the inner sheath there is PSP armor- Plastic Steel Plastic- Tape Armor ensures cable has high radial moisture resistance and high crush resistance.
- 10) After the PSP, outer HDPE Sheath is extruded. Outer sheath and PSP acts as a barrier for rodent and insect protection. It also improves the crush resistance and tensile strength of the fiber optic cable. High quality HDPE provides good ultraviolet radiation property.



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
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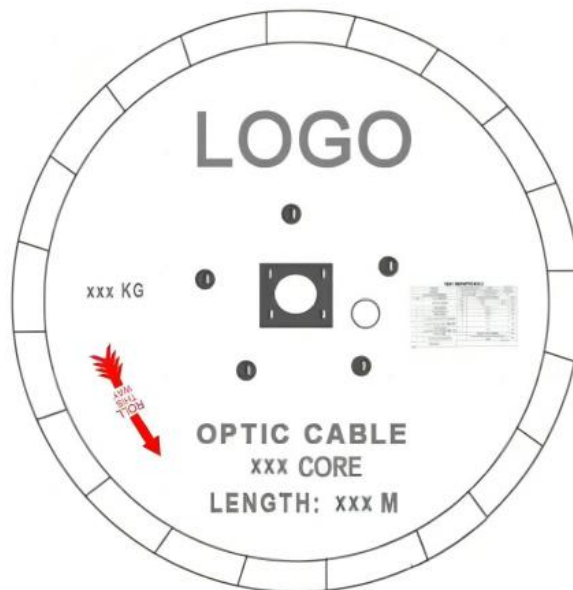
Cable Marking&Fibers Colors

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

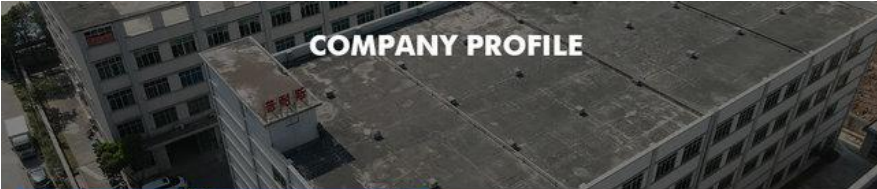
*The marking is printed every 1 meter;


***"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





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



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.



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