



GYTA53 144 Core Single Mode Direct Burial Fiber Optic Cable

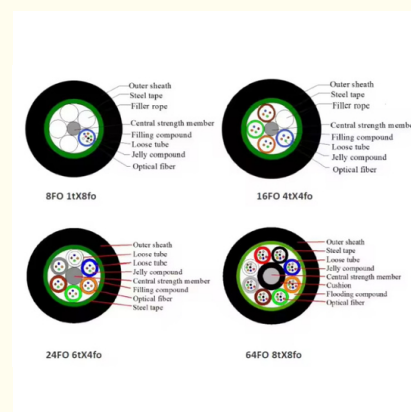
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAIISGD/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: Single Mode Fiber Optic Cable, Fiber Optic Cable GYTA53, Double Armored Direct Burial Cable



Product Description

Direct Burial Single Mode Fiber Optic Cable GYTA53 144 Cores Double Armored

Product Specifications

Attribute	Value
Item No.	GYTA53
Jacket Material	PE/LSZH
Fiber Type	G.652D
Armored Type	Steel Tape/Aluminum
Application	Directly buried
Fiber Count	144 cores

Product Description

Direct Burial Cable GYTA53 144 Cores Single Mode Double Jacket

Double Armored Fiber Optic Cable

GYTA53 is the steel tape armored outdoor fiber optic cable used for direct burial. Available in single mode and multimode configurations with fiber counts from 2 to 432 cores.

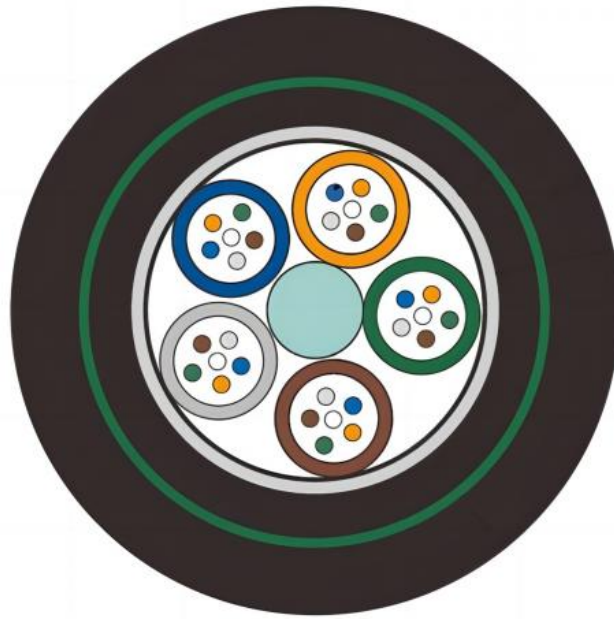
Applications

These corrugated steel tape and aluminum tape armored double sheath cables are designed for:

- Installation in harsh environments with mechanical impact risks
- Direct buried applications
- Duct installations requiring rodent or moisture resistance

Key Features

- Available with up to 432 fiber cores
- Loose tube stranding technology provides good secondary excess length and stress-free fiber movement
- Corrugated steel tape armor with double PE sheath for excellent crush and rodent resistance
- Metal strength member for superior strain performance



Technical Specifications

Cable Data

Fiber Count	Fibers Per Tube	Loose Tube Diameter (mm)	CSM Diameter (mm)	Outer Jacket Thickness (mm)	Cable Diameter (mm)	Cable Weight (kg/km)
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)

Parameter	Wavelength	Unit	Specification
Mode Field Diameter	1310nm	μm	9.2±0.4
Mode Field Diameter	1550nm	μm	10.4±0.8
Cladding Diameter	-	μm	125.0±1.0
Cladding Non-Circularity	-	%	≤1.0
Core-Cladding Concentricity Error	-	μm	≤0.5
Coating Diameter	-	μm	245±5
Coating Non-Circularity	-	%	≤6.0
Cladding-Coating Concentricity Error	-	μm	≤12.0
Cable Cutoff Wavelength	-	nm	λ _{cc} ≤1260
Attenuation (max.)	1310nm	dB/km	≤0.35
Attenuation (max.)	1550nm	dB/km	≤0.21
Attenuation (max.)	1380nm	dB/km	≤0.35
Attenuation (max.)	1625nm	dB/km	≤0.24

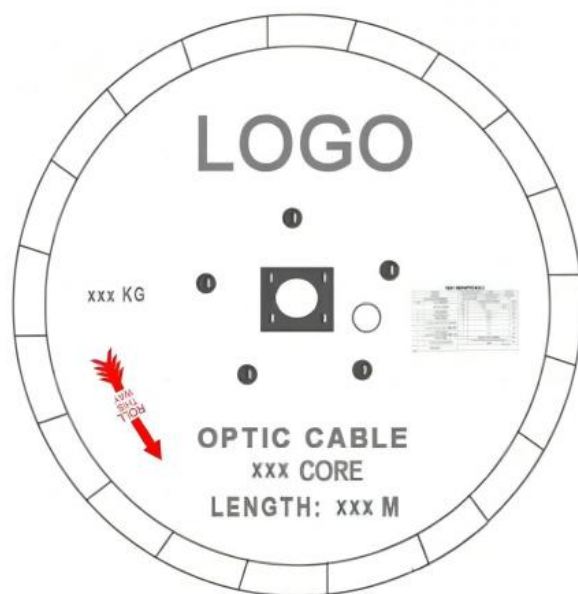
Cable Marking & Fiber Colors

Standard marking includes: COMPANY Fiber cable name N*cores G.652D 2024 XXXXm

Marking is printed every 1 meter

"G.652D" indicates ITU-T Rec. Low Water Peak (LWP) G.652 single mode optical fiber

Custom marking available according to client requirements



How to Place an OEM or Customized Order

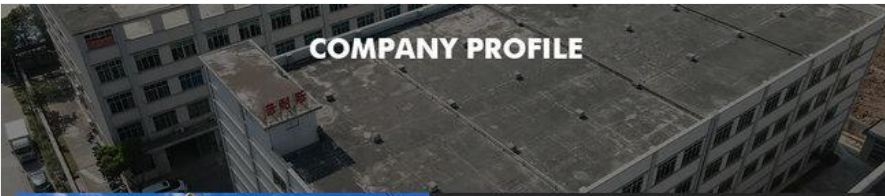
Send your purchase intention to our email: cotton@fibercablepuls.com

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 begin 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, 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



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