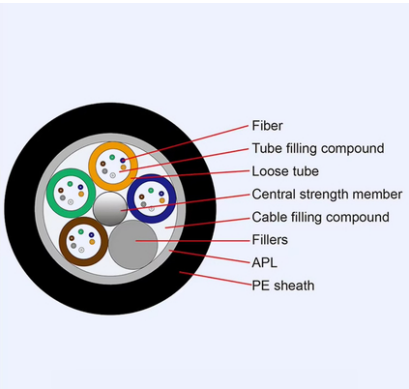
Duct Cable 1KM / Roll Outdoor Underground Optical Fiber Cable GYTS GYTA GYTA53 G652D Armoured Fiber Optical Cable,HDPE Outer Jacket

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTA-24B1.3
- Minimum Order Quantity: 2km
- Price: negotiate
- 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.: GYTA-24B1.3
- Fiber Count: 24/48/96/144/288
- Jacket Color: Black
- Jacket Material: PE/LSZH
- Fiber Type: G.652D
- Outer Jacket Material: HDPE
- Cable Color: Black
- Cable Diameter: 12.5 Mm
- Armored Type: Steel Tape/Aluminum
- Application: Outdoor Duct Installation
- Highlight: **Armoured Fiber Optical Cable**, **Outdoor Underground Optical Fiber Cable**, **HDPE Outer Jacket Optical Fiber Cable**

Our Product Introduction

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Product Description

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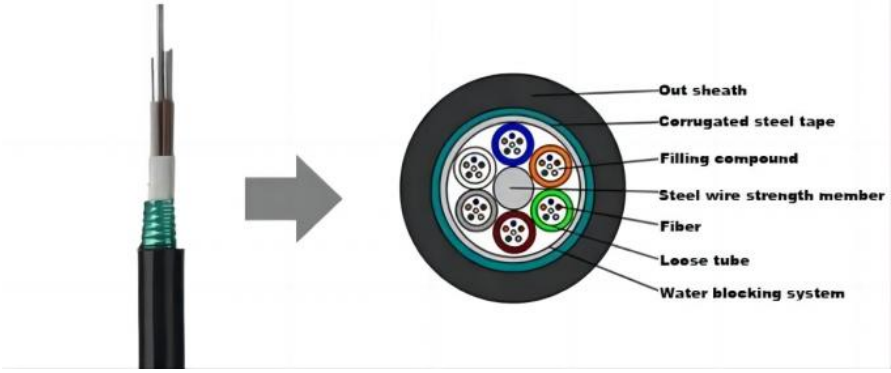
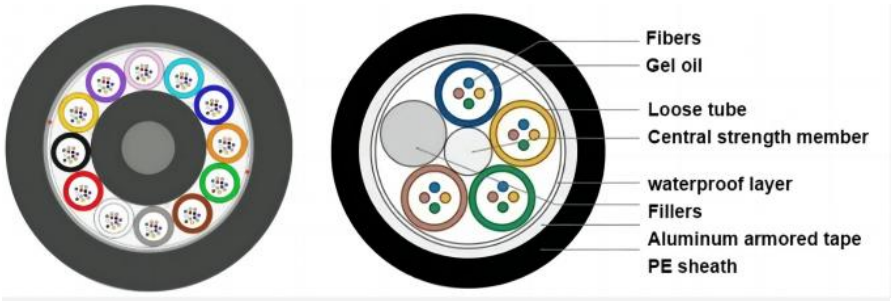
24-Core GYTA Fiber Optic Cable Datasheet
Product Overview:
The **GYTA 24-core fiber optic cable** is a high-performance outdoor cable designed for high-speed data transmission over long distances. It is suitable for telecom networks, data centers, and fiber-to-the-home (FTTH) applications, particularly in areas requiring reliable, durable, and weather-resistant cables. The GYTA cable features a **gel-filled loose tube design** and is equipped with **steel tape armoring** to protect against mechanical damage and external threats such as rodents, moisture, and other environmental hazards.

Key Features:
Core Count: 24 Fibers (can be customized)
Fiber Type: Single Mode (SM) or Multi-Mode (MM)
Armoring: Steel tape for additional mechanical protection
Sheath Material: UV-resistant, flame-retardant polyethylene (PE) for long-lasting outdoor protection
Moisture Resistance: Gel-filled loose tube for water-blocking
Applications: Telecom networks, data centers, FTTH, fiber-to-the-building (FTTB), and outdoor environments.



GYTA Cable Place Order Information



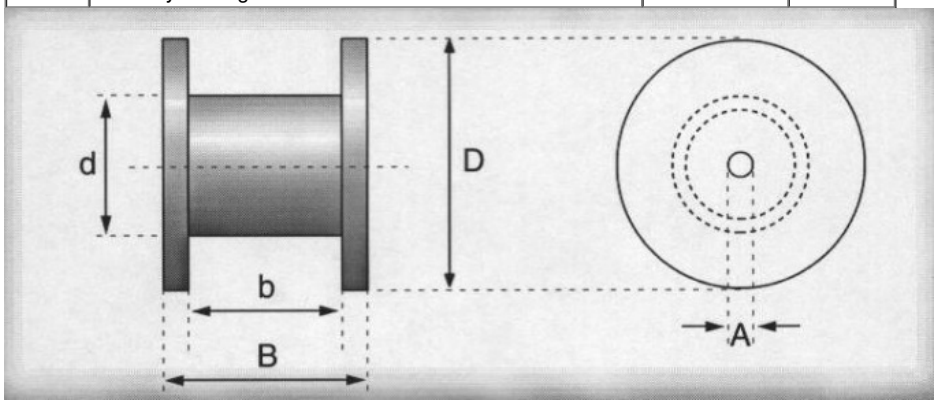
CABLE DATA

Cable Type	Fiber Count	Stranded units	Cable Diameter (mm)	Cable Weight (kg/km)	Bending Radius Dynamic/Static (MM)	Tensile Strength Long/Short Term (N)	Crush Resistance Long/Short Term (N/100 mm)
GYTA≤60	≤60	5	9.8	108	20D/10D	240/800	300/1000
GYTA-62~72	62~72	6	10.4	129	20D/10D	300/850	300/1000
GYTA-74~96	74~96	8	10.6	132	20D/10D	350/1200	300/1000
GYTA-98~120	98~120	10	12.1	161	20D/10D	450/1400	300/1000
GYTA-122~144	122~144	12	13.6	198	20D/10D	700/2000	300/1000

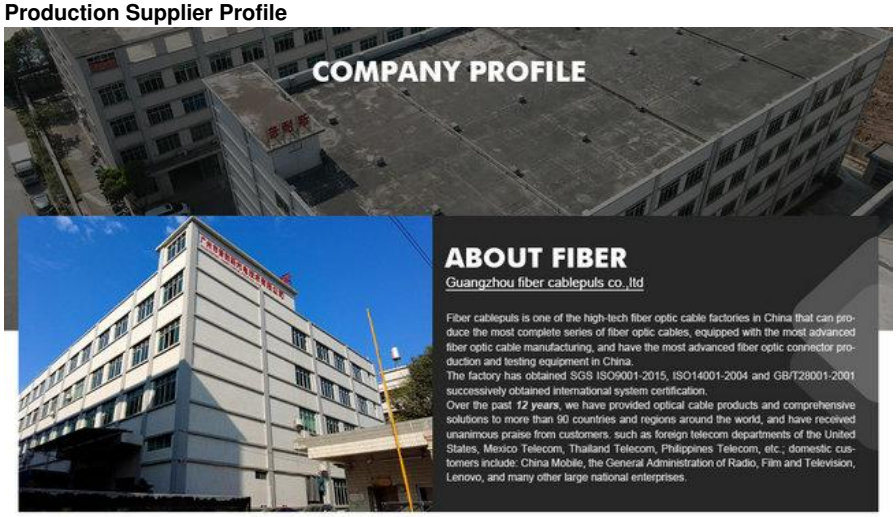
Fiber Parameters

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	λcc≤1260
		1310nm	dB/km	≤0.35
		1550nm	dB/km	≤0.21
		1380nm	dB/km	≤0.35

9	Attenuation(max.)	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



Production Supplier Profile



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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