



## GYTS Single Mode Fiber Optic Cable 96 Core Steel Tape Armored PE Sheath

### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTS-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.: GYTS-96B1.3
- Armored Type: Steel Tape
- Strength Member: Steel Wire
- Jacket Material: PE
- Cable Diameter: 10.6±0.2 Mm
- Application: Pipeline
- Warranty Period: 25 Years
- Highlight: **Outdoor Fiber Optic Cable,  
Single Mode Fiber Optic Cable,  
GYTS Fiber Optic Cable**



## Product Description

### Duct Cable Outdoor Fiber Optic Cable Single Mode GYTS Stranded Loose Tube 24 48 96 144 Core

#### Product Specifications

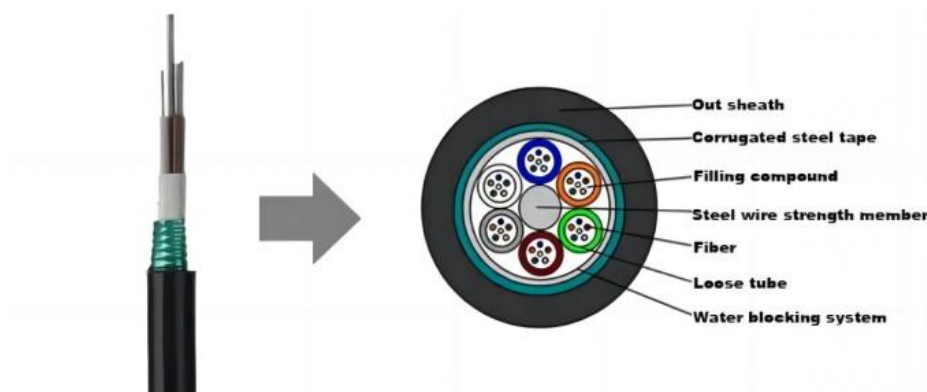
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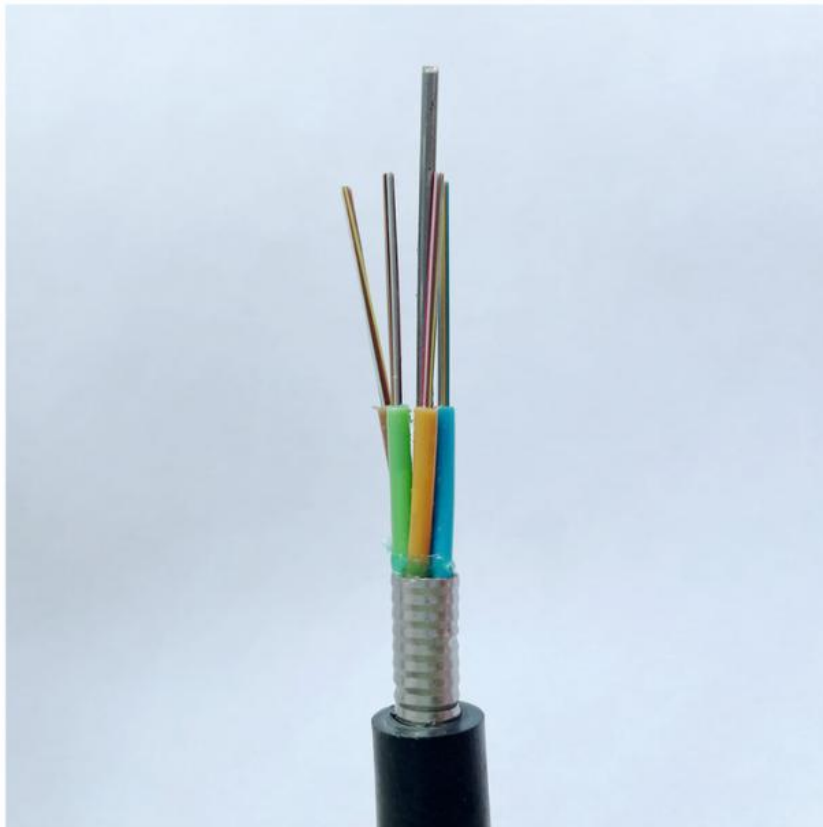
#### Product Description

Single mode GYTS optical cable is a high-performance communication cable with light-speed transmission capabilities. This cable offers wide bandwidth, fast transmission, excellent confidentiality, resistance to electromagnetic interference, superior insulation, long lifespan, and outstanding chemical stability.

#### Key Features

- Loose tube material with excellent hydrolysis resistance and high strength
- Special ointment filling provides critical sealing protection for optical fibers
- PE sheath with superior UV radiation resistance
- Single steel wire central reinforced core for parallel alignment and cable stretching
- Exceptional mechanical properties including stretch, abrasion, impact, flattening, bending, twisting, and winding resistance
- Double-sided corrugated steel tape (PSP) enhances moisture resistance and structural integrity
- Fast transmission speed over long distances with low signal loss
- Ideal for long-distance communication and inter-office networks
- Installation methods: overhead or pipeline
- Operating temperature range: -40 to +60





### Technical Specifications

#### 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

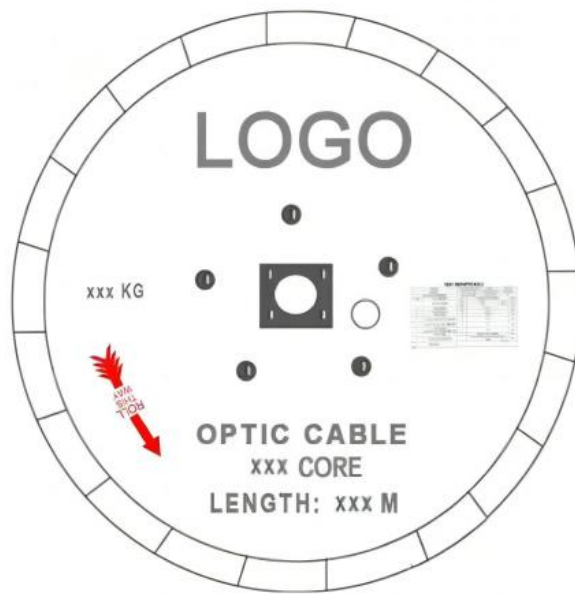
6	Coating Non-Circularity	%	≤6.0
7	Cladding-Coating Concentricity Error	μm	≤12.0
8	Cable Cutoff Wavelength	nm	$\lambda_{cc} \leq 1260$
9	Attenuation(max.)	1310nm dB/km	≤0.35
		1550nm dB/km	≤0.21
		1380nm dB/km	≤0.35
		1625nm dB/km	≤0.24
10	Attenuation and wavelength	1310nm 1285-1330nm dB/km	≤0.04
		1550nm 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 <sup>2</sup> •km)	≤0.092
14	Typical value	ps/(nm <sup>2</sup> •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 & Fiber Colors

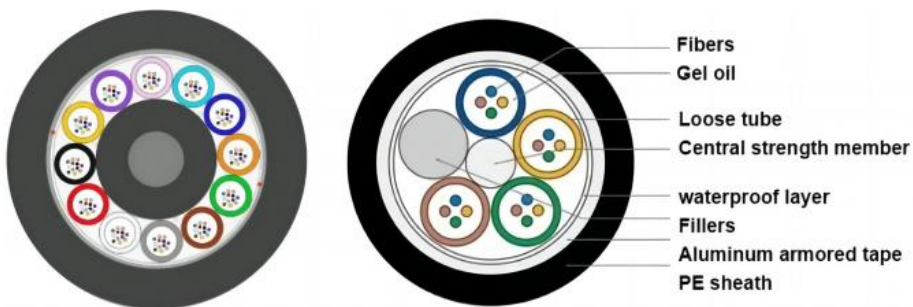
Standard marking includes: COMPANY Fiber cable name N\*cores G.652D 2024 XXXXm

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 specifications.



## Ordering Information



### How to Place an OEM or Customized Order

Send your purchase inquiry to: [cotton@fibercablepuls.com](mailto: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

Production begins after receiving your deposit

We will notify you 2 weeks before production completion to arrange shipping

## Production Supplier Profile

## 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



guangzhou fiber cablepuls co ltd



+8613687956390



cotton@fibercablepuls.com



fiberoptical-cables.com

925-926, Building B1, No. 2 Chuanghui Avenue, Yonghe Yushan International Guangzhou city, Guangdong province, China