



## GYTS Steel Tape Armored Duct Cable 2-288 Cores Single Mode G652D

Our Product Introduction

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### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTS
- 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
- Fiber Count: 2-288cores
- Armored Type: Steel Tape
- Strength Member: Steel Wire
- Jacket Material: PE
- Cable Diameter: 9.0-18.2mm
- Application: Pipeline
- Warranty Period: 25 Years
- Highlight: GYTS Duct Optical Cable,  
Stranded Duct Optical Cable,  
GYTA Duct Optical Cable

#### THICKENED STEEL WIRE HAS LONG CORROSION-RESISTANT LIFE

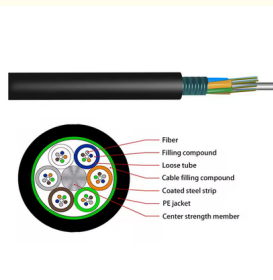
The phosphating film makes the surface of the steel wire more wear-resistant and improves its corrosion resistance



### More Images

#### HIGH QUALITY OUTDOOR SHEATH MATERIAL

It adopts PE thickened sheath, which has good high temperature resistance and is more practical to form integrally



## Product Description

### GYTA GYTS Duct Optical Cable Stranded Loose Tube Light Armored Single Mode G652D

#### Product Specifications

Attribute	Value
Item No.	GYTS
Fiber Count	2-288 cores
Armored Type	Steel Tape
Strength Member	Steel Wire
Jacket Material	PE
Cable Diameter	9.0-18.2mm
Application	Pipeline
Warranty Period	25 years

#### Product Description

Outdoor Duct Cable GYTA GYTS Stranded Loose Tube Light Armored Optical Cable Single Mode G652D Fiber Optic Cable. GYTS/GYTA Fiber Optic Cable is designed for outdoor duct and aerial applications, available in single mode and multimode configurations with fiber strands from 2 to 288 cores.

#### Key Features

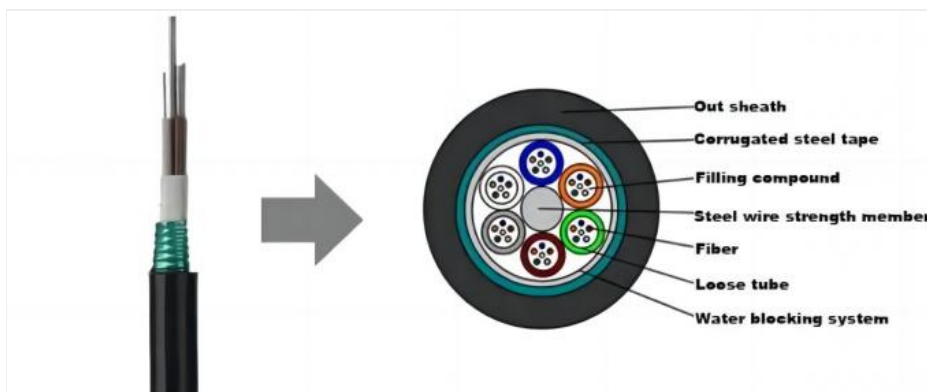
- Steel jacket provides high tension and crush resistance
- Special gel in the tube offers critical protection for fibers
- Steel central strength member for added durability
- PE jacket prevents UV damage (optional UV-resistant material available)
- Performs reliably in high and low temperature environments
- Anti-aging properties for long-term performance

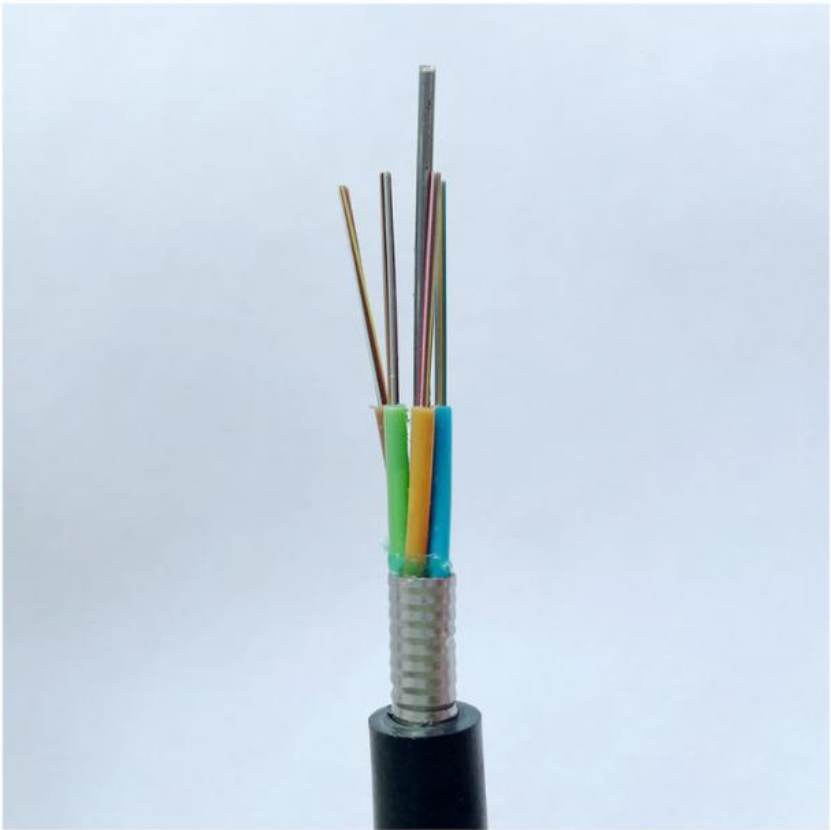
#### Applications

- Conduit/buried installations
- Connecting communication equipment
- Multi-core wiring systems in data centers

#### Standards Compliance

GYTS complies with YD/T901-2009 and IEC 60794-1 standards.





Technical Specifications

Cable Data

Cable Type	Fiber Count	Stranded Units	Cable Diameter (mm)	Cable Weight (kg/km)	Bending Radius Dynamic/Static (MM)	Tens
GYTA≤60	≤60	5	9.8	108	20D/10D	
GYTA-62~72	62~72	6	10.4	129	20D/10D	
GYTA-74~96	74~96	8	10.6	132	20D/10D	
GYTA-98~120	98~120	10	12.1	161	20D/10D	
GYTA-122~144	122~144	12	13.6	198	20D/10D	

Fiber Parameters

No.	Items	Unit	Specification G.652D
1	Mode Field Diameter 1310nm	μm	9.2±0.4
	Mode Field Diameter 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
	Attenuation(max.) 1550nm	dB/km	≤0.21
	Attenuation(max.) 1380nm	dB/km	≤0.35
	Attenuation(max.) 1625nm	dB/km	≤0.24
10	Attenuation and wavelength 1310nm 1285-1330nm	dB/km	≤0.04
	Attenuation and wavelength 1550nm 1525-1575nm	dB/km	≤0.03
	Attenuation and wavelength 1550nm 1480-1580nm	dB/km	≤0.05
11	Dispersion 1288-1339nm	ps/(nm.km)	≥-3.5, ≤3.5
	Dispersion 1271-1360nm	ps/(nm.km)	≥-5.3, ≤5.3
	Dispersion 1480-1580nm	ps/(nm.km)	≤20
	Dispersion 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

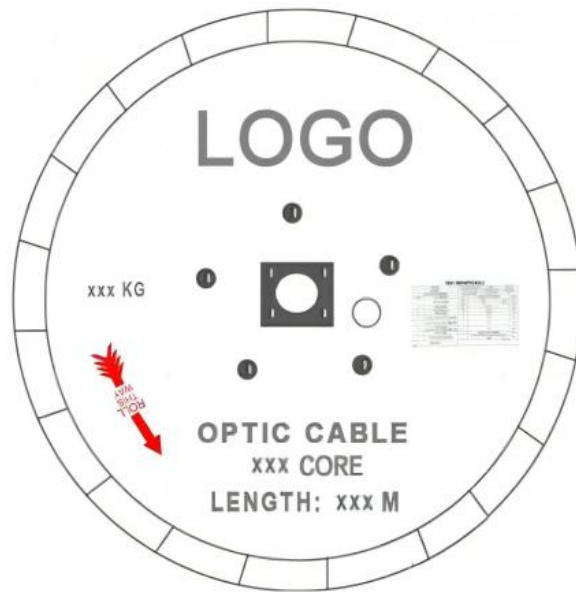
### Cable Marking & Fiber Colors

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

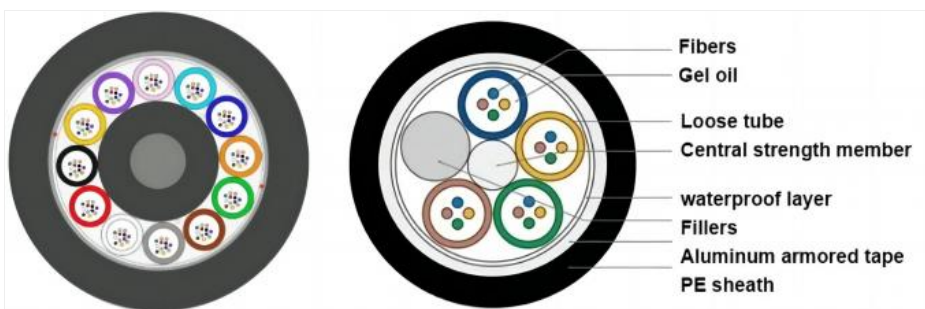
The marking is printed every 1 meter.

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

Custom marking available according to client requirements.



## Ordering Information



## How to Place an OEM or Customized Order

Send your purchase intention to our email: [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

After receiving your deposit, we will arrange production

2 weeks before production completion, we will notify you 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