

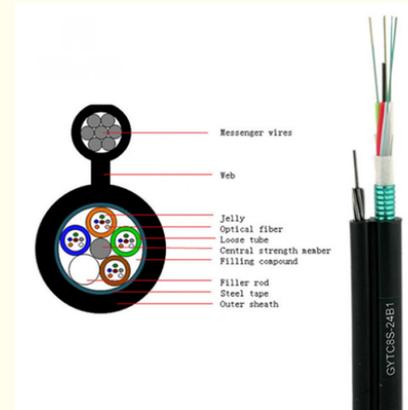


## 12 Core Aerial Figure 8 Fiber Optic Cable with Messenger Wires

Our Product Introduction

### Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAIISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTC8S-8B1.3
- Minimum Order Quantity: 2km
- 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.: GYTC8S-8B1.3
- TYPE: Fig.8 Shape
- Application: Outdoor AREIAL
- Jacket Material: PE/LSZH
- Fiber Type: G.652D
- Strength Member: Messenger Wires
- Outer Diameter: 8.5\*12.5mm
- Warranty Period: 25 Years
- Highlight: **Aerial Figure 8 Fiber Optic Cable, Fiber Optic Cable 12 Core**



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## Aerial Figure 8 Fiber Optic Cable - 12 Core with Seven Stranded Messenger Wires

### Product Specifications

Item NO.	GYTC8S-8B1.3
TYPE	Fig.8 shape
Application	Outdoor AERIAL
Jacket Material	PE/LSZH
Fiber Type	G.652D
Strength Member	Messenger wires
Outer Diameter	8.5*12.5mm
Warranty Period	25 years

### Product Description

This aerial figure 8 fiber optic cable features 12 cores with seven stranded messenger wires. The 250µm fibers are positioned in high modulus plastic loose tubes filled with water-resistant compound. A central steel wire serves as the strength member, with tubes stranded around it to form a compact core. An Aluminum Polyethylene Laminate (APL) moisture barrier and PE sheath complete the figure 8 structure.

### Key Features

- High tensile strength stranded wires for self-supporting installation
- Excellent mechanical and temperature performance
- Hydrolysis-resistant high strength loose tubes
- Special tube filling compound for critical fiber protection
- Comprehensive watertight protection measures:
  - Central steel wire strength member
  - Loose tube filling compound
  - 100% cable core filling
  - APL moisture barrier



**Technical Specifications**

- Fiber Count Options:** 6-8, 10-12, 14-24, 30-72 cores
- Design:** Central Steel wires + Stranded Loose Multi-tube Cable
- Fiber Type:** Single mode G.652.D
- Strength Member:** PSP
- Loose Tube Material:** PBT
- Water Blocking Layer:** Water Blocking tape
- Outer Sheath:** PE
- Attenuation Coefficient:** @1310nm ≤0.35dB; @1550nm ≤0.2dB
- Bending Radius:** 10× cable diameter (no tension), 20× (under tension)

Model: GYXTC8Y

Messenger: 1.5mm Standed Galvanized Steel  
Messenger for Flexibility

Fiber : Up to 24 cores, Gel filled

Jacket: Single HDPE Sheath

Armor: None

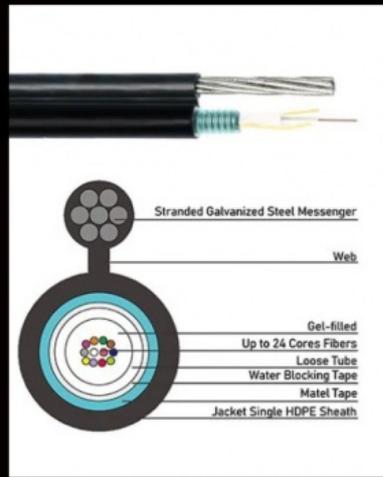
Tension Strength: 1000(Short term)  
300(Long term)

Cable Diameter: 5.1\*10.2mm

Package: 4km/drum

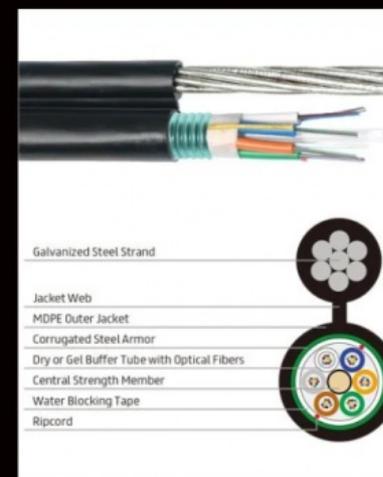
Weight: 47KG/KM

Model: GYXTC8S  
 Messenger: 1.5mm Standed Galvanized Steel  
 Messenger for Flexibility  
 Fiber : Up to 24 cores, Gel filled  
 Jacket: Single HDPE Sheath  
 Armor: Steel Tape  
 Tension Strength: 1000(Short term)  
 300(Long term)  
 Cable Diameter: 7.6\*14.5mm  
 Package: 4km/drum  
 Weight: 117KG/KM



Model: GYTC8Y  
 Messenger: 7\*1.0mm Standed Galvanized Steel  
 Messenger for Flexibility  
 Fiber : Up to 288 cores, Gel filled  
 Jacket: Single MDPE Sheath  
 Water Block: Water Blocking or Gel-filled  
 Armor: None  
 Tension Strength: 3000(Short term)  
 1000(Long term)  
 Cable Diameter: 9.1\*16.9mm  
 Package: 4km/drum  
 Weight: 142KG/KM

Model: GYTC8S  
 Messenger: 7\*1.0mm Standed Galvanized Steel  
 Messenger for Flexibility  
 Fiber : Up to 288 cores, Gel filled  
 Jacket: Single MDPE Sheath  
 Water Block: Water Blocking or Gel-filled  
 Armor: Steel Tape, Thickness 1mm  
 Tension Strength: 3000(Short term)  
 1000(Long term)  
 Cable Diameter: 9.5\*17mm  
 Package: 4km/drum  
 Weight: 156KG/KM



### Detailed Cable Specifications

No. of cable	12	24
Fiber Model	G652D	
Design (Strength Member+Tube&Filler)	1+5	
Central Strength Member Material	FRP	
Loose Tube Material	PBT	
Water Blocking Layer Material	Flooding Compound	
Outer Sheath Material	PE	
Messenger Wire Material	Steel stranded	
Cable Diameter (W×H)	8.5x15.2mm	

Temperature Range	Installation: -20°C to +60°C	Operation: -40°C to +70°C
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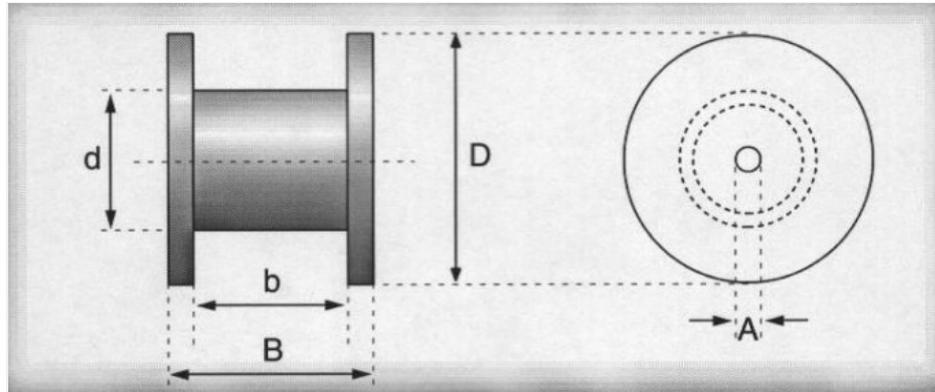
### Cable Marking & Fiber Colors

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

\*Marking printed every 1 meter

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

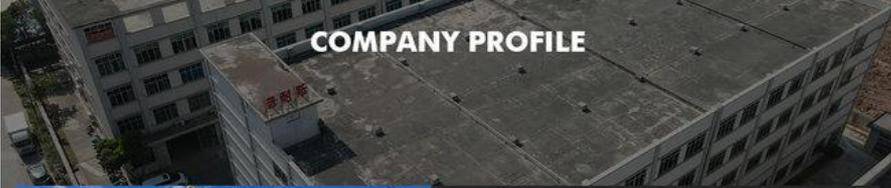
Custom marking available per client requirements.



### Ordering Information

#### OEM/Custom Order Process:

- 1) Send purchase inquiry to: [cotton@fibercablepuls.com](mailto:cotton@fibercablepuls.com)
- 2) Our sales team will confirm specifications, packaging, and quantity
- 3) Sign contract or Proforma Invoice
- 4) Production begins after deposit receipt
- 5) Shipping coordination begins 2 weeks before production completion



## 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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