GYTS 48 Core Steel Tape Armored Single Mode Fiber Optic Cable

Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTA-8B1.3
- 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.: GYTA-8B1.3
- Armored Type: Steel Tape/Aluminum
- Strength Member: Steel Wire
- Jacket Material: PE
- Cable Diameter: 10.6±0.2 Mm
- Application: Pipeline
- Warranty Period: 25 Years
- Highlight: **Single Mode Fiber Optic Cable**, **GYTS 48 Core Fiber Optic Cable**, **Steel Tape Armored Fiber Optic Cable**

Product Description

Duct GYTS 48 Core Steel Tape Armored Single Mode Fiber Optic Cable

Product Specifications

Attribute	Value
Item No.	GYTA-8B1.3
Armored Type	Steel Tape/Aluminum
Strength Member	Steel Wire
Jacket Material	PE
Cable Diameter	10.6±0.2 mm
Application	Pipeline
Warranty Period	25 years

Product Description

The 48-core GYTS Fiber Optic Cable is a robust and reliable solution designed for outdoor and harsh environment applications.

Steel Tape Armored (STA) Design: Double-layer steel tape armor provides excellent mechanical protection against crushing, rodent damage, and physical stresses.

High-Quality G652D Fiber: 48 cores of G652D single-mode fiber ensure low attenuation and high bandwidth for long-distance, high-speed data transmission.

Durable Outer Sheath: UV-resistant polyethylene (PE) sheath offers superior protection against moisture, abrasion, and environmental factors.

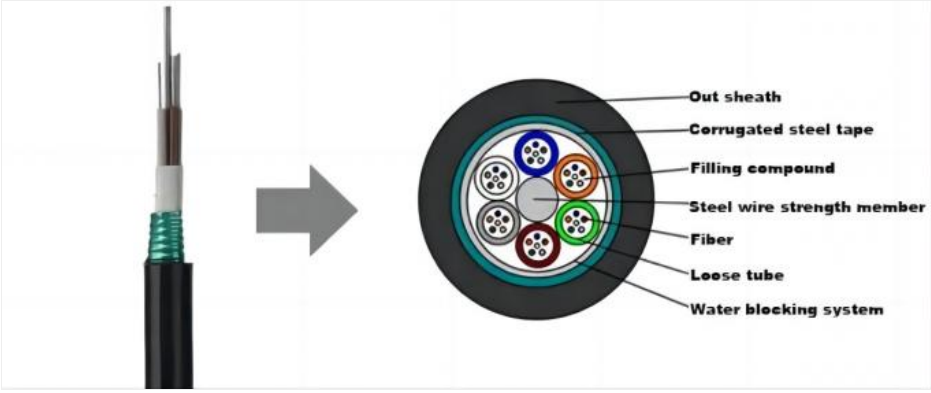
Waterproof Construction: Water-blocking materials ensure reliable performance in wet or humid conditions.

Wide Temperature Range: Operates efficiently from -40°C to +70°C, suitable for extreme climates.

Optical Performance: Low attenuation (≤ 0.36 dB/km @ 1310 nm and ≤ 0.22 dB/km @ 1550 nm) with high bandwidth.

Standards Compliance: Meets ISO, RoHS, and IEC standards for quality, safety, and environmental friendliness.

Versatile Applications: Suitable for telecommunications, FTTH, CATV, and outdoor network installations.



Cable Technical Data

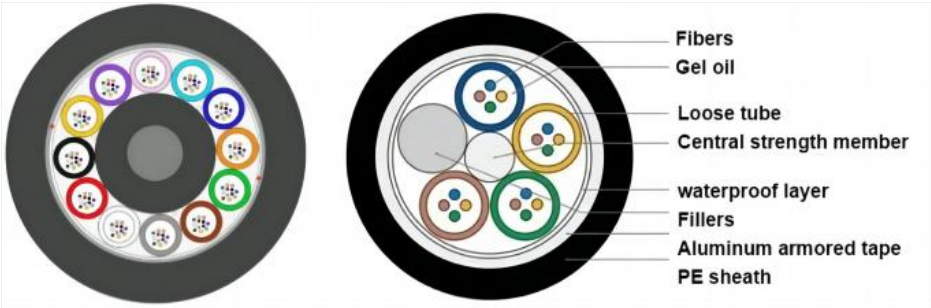
Cable Type	Fiber Count	Stranded Units	Cable Diameter (mm)	Cable Weight (kg/km)	Bending Radius Dynamic/Static (MM)	Tensile Strength Long/Short Term (N)	Crush Resistance Long/Short Term (N/100 mm)
GYTA≤60	≤60	5	9.8	108	20D/10D	240/800	300/1000
GYTA-62~72	62~72	6	10.4	129	20D/10D	300/850	300/1000
GYTA-74~96	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 1550nm μm	9.2±0.4 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

9	Attenuation(max.)	1310nm dB/km 1550nm dB/km 1380nm dB/km 1625nm dB/km	≤0.35 ≤0.21 ≤0.35 ≤0.24
10	Attenuation and wavelength	1310nm 1285-1330nm dB/km 1550nm 1525-1575nm dB/km 1550nm 1480-1580nm dB/km	≤0.04 ≤0.03 ≤0.05
11	Dispersion	1288-1339nm ps/(nm.km) 1271-1360nm ps/(nm.km) 1480-1580nm ps/(nm.km) 1550nm ps/(nm.km)	≥-3.5, ≤3.5 ≥-5.3, ≤5.3 ≤20 ≤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

Order Information



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