



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

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

The 48-core GYTS Fiber Optic Cable is a robust and reliable solution designed for outdoor and harsh environment applications. Below are its key features:

Steel Tape Armored (STA) Design: The cable features a double-layer steel tape armor, providing excellent mechanical protection against crushing, rodent damage, and other physical stresses.

High-Quality G652D Fiber: Equipped with 48 cores of G652D single-mode fiber, the cable ensures low attenuation and high bandwidth, supporting long-distance and high-speed data transmission.

Durable Outer Sheath: The cable is covered with a UV-resistant polyethylene (PE) sheath, offering superior protection against moisture, abrasion, and environmental factors, ensuring long-term durability.

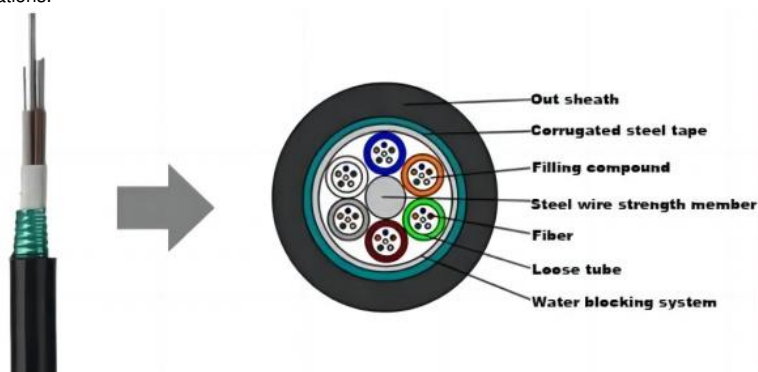
Waterproof and Moisture-Resistant: The cable is designed with water-blocking materials, ensuring reliable performance even in wet or humid conditions.

Wide Temperature Range: The cable operates efficiently in a temperature range of -40°C to $+70^{\circ}\text{C}$, making it suitable for use in extreme climates.

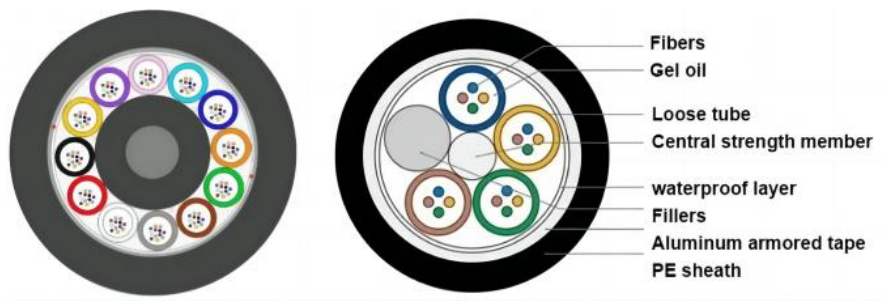
Low Attenuation and High Bandwidth: The G652D fiber ensures low attenuation ($\leq 0.36 \text{ dB/km}$ @ 1310 nm and $\leq 0.22 \text{ dB/km}$ @ 1550 nm) and high bandwidth, enabling stable and high-speed data transmission.

Compliance with International Standards: The cable complies with ISO, RoHS, and IEC standards, ensuring high quality, safety, and environmental friendliness.

Versatile Applications: Suitable for a wide range of applications, including telecommunications, FTTH (Fiber to the Home), CATV, and outdoor network installations.



GYTS 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

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	λ _{cc} ≤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 ² •km)	≤0.092
14	Typical value		ps/(nm ² •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



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