Duct Unicom GYXTW GYTA GYTS Outdoor Duct Aerial 8 12 24 Core Cable Fiber Optic

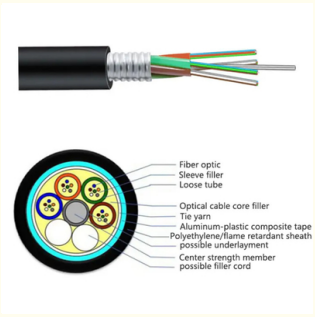
Our Product Introduction

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTS-72B1.3
- 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-72B1.3
- 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: **GYXTW Duct Cable**, **GYTS Duct Cable**, **GYTA Duct Cable**



More Images

Our Product Introduction

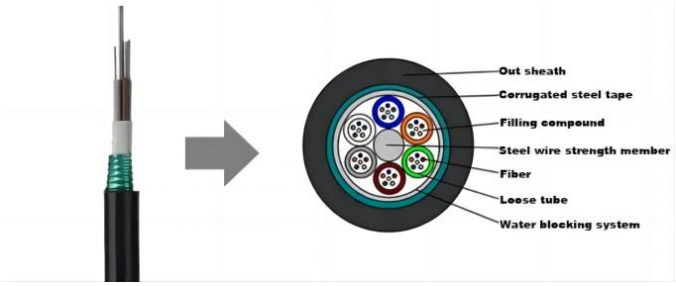
Product Description

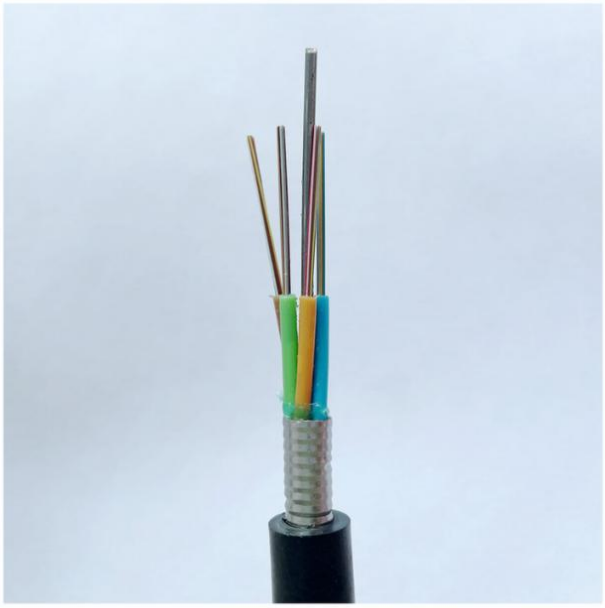
Duct Cable China Unicom GYXTW GYTA GYTS Outdoor Duct Aerial 8 12 24 Core Cable Fiber Optic

The structure of the GYTA fiber optic cable consists of 250μm fibers housed in a loose tube made of high-modulus material, with waterproof compounds filling the tube. At the center of the core is a metal strengthening element, which may have a layer of polyethylene (PE) extruded over it, depending on the design. The loose tubes (and filler ropes) are twisted around the central strengthening element to form a compact core, with water-blocking fillers filling the gaps. After wrapping with plastic-coated aluminum tape, a polyethylene sheath is extruded to complete the cable.

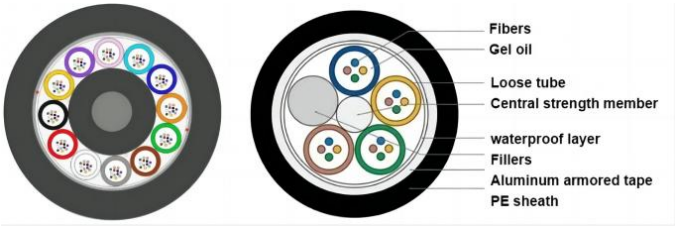
GYTA fiber optic cables exhibit exceptional mechanical performance and environmental adaptability, making them suitable for use in various harsh conditions. The loose tube design allows the fibers to have some freedom of movement in response to temperature changes and external forces, reducing the risk of fiber breakage. Moreover, the water-blocking filling ensures that moisture cannot spread, guaranteeing the reliability of the fibers in humid environments.

GYTA fiber optic cables are widely used in communication networks, data centers, and long-distance transmission lines, particularly in applications that demand high reliability and performance. Due to their outstanding waterproof capabilities and durability, GYTA cables perform exceptionally well in urban underground networks, coastal areas, and other environments prone to moisture, making them an ideal choice for connecting critical infrastructure.





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

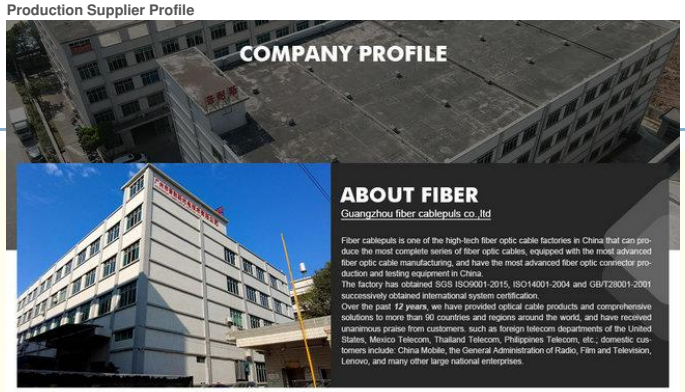
Fiber Parameters				
No.	Items		Unit	Specification G.652D
1	Mode Field Diameter	1310nm	μm	9.2±0.4
		1550nm	μm	10.4±0.8
2	Cladding Diameter		μm	125.0±1.0
3	Cladding Non-Circularity		%	≤1.0
4	Core-Cladding Concentricity Error		μm	≤0.5
5	Coating Diameter		μm	245±5
6	Coating Non-Circularity		%	≤6.0
7	Cladding-Coating Concentricity Error		μm	≤12.0
8	Cable Cutoff Wavelength		nm	λcc≤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/(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

Installation of GYTA & GYTA53 Fiber Optic Cable

When installing GYTA fiber optic cables, ensure proper bending radius to prevent damage, avoid sharp edges, and use appropriate protective measures against moisture. Additionally, maintain suitable tension to prevent stress on the fibers.

Production Supplier Profile



How do I place an OEM or customized order?

1) Send your purchase intention to our email: **cotton@fibercablepuls.com**
2) Our sales team will contact you to confirm the product specification, packaging, printing, quantity, and other specific information.
3) Sign the contract or Proforma Invoice.
4) After receiving your deposit, we will start to arrange the production.
5) 2 weeks before the completion of production, we will notify you to start contacting shipping.

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