



Anti Rodent Underwater Fiber Optic Cable GYXTS 12 Core Single Mode

Our Product Introduction

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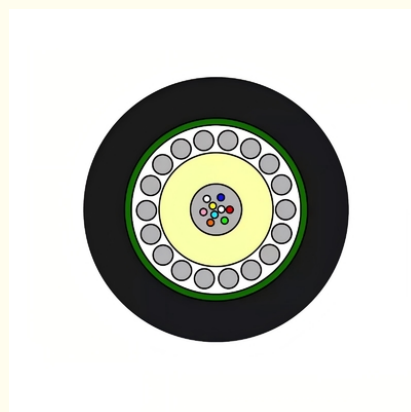
Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD
- Certification: ISO/CE/ROSH
- Model Number: gyxts-12b1.3
- Minimum Order Quantity: 2km
- Price: negotiate
- Packaging Details: Wooden Spool /drum
- Delivery Time: 5-25days
- Payment Terms: 30%TT as deposit,70%Balance before shipping.
- Supply Ability: 100km

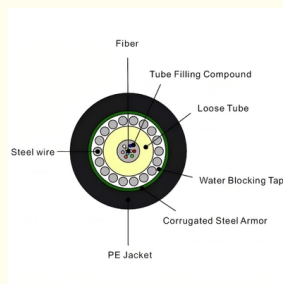


Product Specification

- Item No: Gyxts-12b1.3
- Rodent Protection: Steel Wires Surround
- Jacket Color: Black
- Jacket Material: PE
- Fiber Type: Single Mode/multimode
- Application: Underwater
- Armored: Yes
- Highlight: **Outdoor Anti Rodent Fiber Optic Cable, Anti Rodent Underwater Fiber Optic Cable, 12 Core Fiber Optic Cable**



More Images



Product Description

Anti Rodent Underwater Fiber Optic Cable GYXTS Series

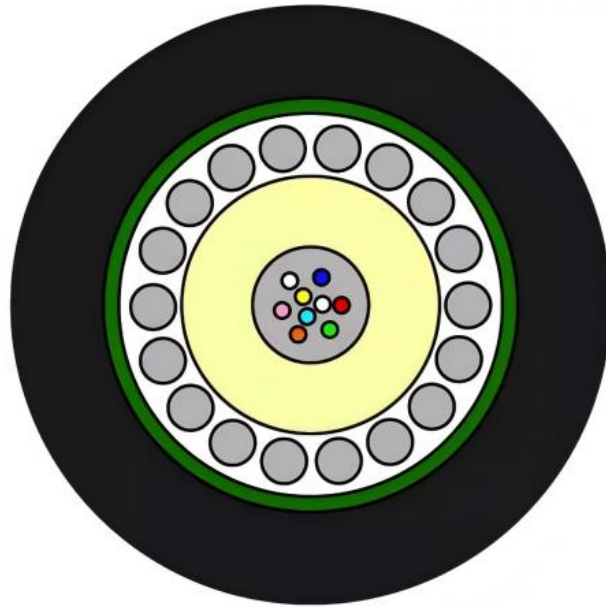
Product Specifications

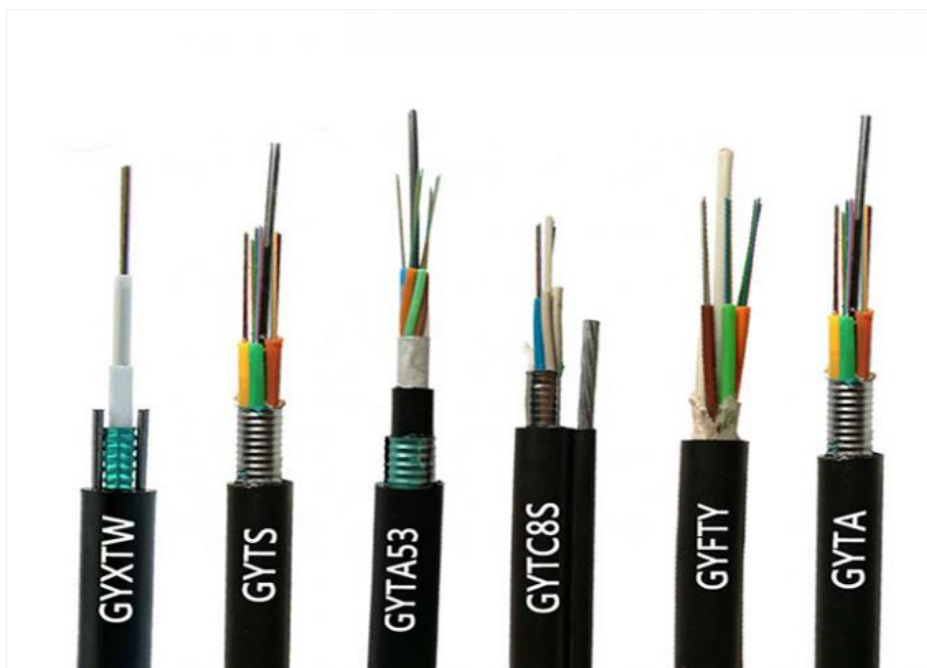
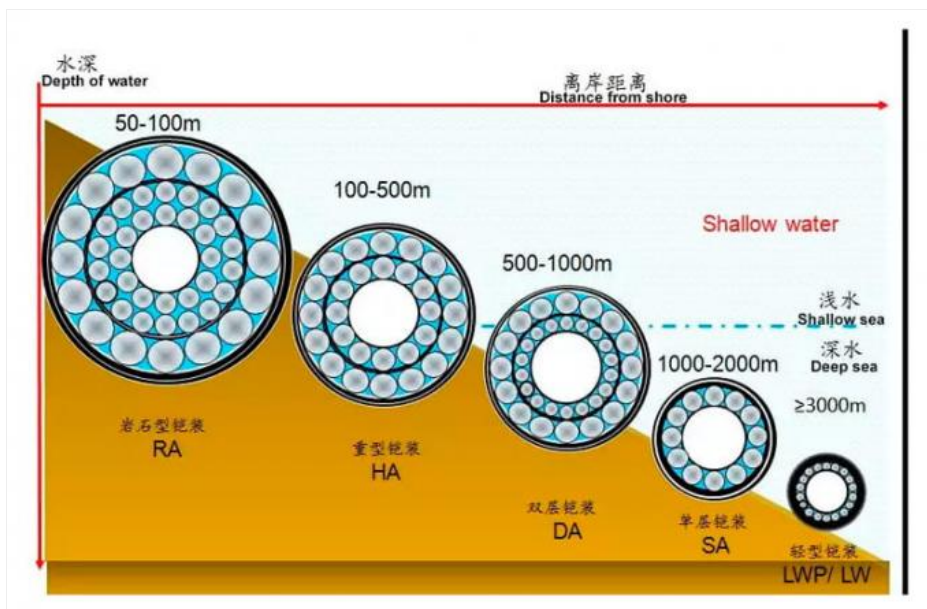
Attribute	Value
Item No	gyxts-12b1.3
Rodent Protection	Steel wires surround
Jacket Color	Black
Jacket Material	PE
Fiber Type	Single mode/multimode
Application	Underwater
Armored	Yes

Key Features

- Low dispersion and attenuation for superior signal quality
- Precision-engineered design with controlled fiber excess length for excellent mechanical and environmental performance
- Steel wire armoring provides exceptional tensile strength and crush resistance
- Steel-PE sheath offers superior moisture resistance
- Compact diameter and lightweight design for easy installation







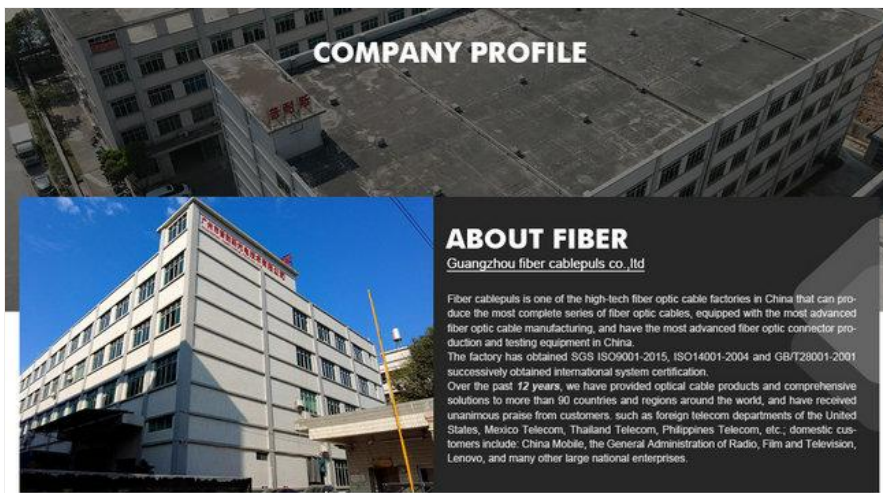
Technical Parameters

Structure	Unit	Parameter
Fiber Counts	--	2-8 10-12
Optical Fiber	Type	G.652D
Loose Tube	Material	PBT
Diameter	mm(±0.2)	2.1 2.3
Structure	--	Central Loose Tube
Surrounded Steel Wires Diameter (Plastic Coated)	mm(±0.2)	9*0.6 (1.0) 10*0.6 (1.0)
Corrugated Steel Tape	--	YES
Cable Diameter	mm(±0.3)	8.3 8.6
Cable Weight	(Kg/Km)	80 86
Tension Strength (Long/Short Term)	N	600/1500
Crush Resistance (Long/Short Term)	N/100mm	300/1000
Min. Bending Radius	Short Term	10 times Cable Diameter

Min. Bending Radius	Long Term	20 times Cable Diameter
Temperature Range	Storage	-50 to 70
Temperature Range	Operation	-40 to 60
Application	--	Long-distance Communication

Fiber Parameters (G.652D)

No.	Items	Unit	Specification
1	Mode Field Diameter (1310nm)	μm	9.2±0.4
1	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	λ _{cc} ≤1260
9	Attenuation(max.) (1310nm)	dB/km	≤0.35
9	Attenuation(max.) (1550nm)	dB/km	≤0.21
9	Attenuation(max.) (1380nm)	dB/km	≤0.35
9	Attenuation(max.) (1625nm)	dB/km	≤0.24
10	Attenuation and wavelength (1310nm 1285-1330nm)	dB/km	≤0.04
10	Attenuation and wavelength (1550nm 1525-1575nm)	dB/km	≤0.03
10	Attenuation and wavelength (1550nm 1480-1580nm)	dB/km	≤0.05
11	Dispersion (1288-1339nm)	ps/(nm.km)	≥-3.5, ≤3.5
11	Dispersion (1271-1360nm)	ps/(nm.km)	≥-5.3, ≤5.3
11	Dispersion (1480-1580nm)	ps/(nm.km)	≤20
11	Dispersion (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)	dB	≤0.01



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 80 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



Custom Order Process

Send your purchase intention to our email: 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 begin production

Two weeks before production completion, we will notify you to arrange shipping



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