



GYXTW Armored Fiber Optic Cable 2-24 Fibers Aerial Outdoor

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYXTW
- 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

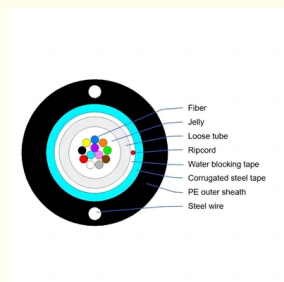


Product Specification

- Fiber Count: 2-24 Fibers
- Warranty Period: 25 Years
- Jacket Color: Black
- Application: Outdoor Overhead
- Installation Method: Aerial
- Cable Diameter: 7mm/8mm
- Bending Radius: Static: 10 Times Cable Diameter, Dynamic: 20 Times Cable Diameter
- Jacket Material: PE/LSZH
- Fiber Type: G.652D
- Crush Resistance: Long Term: 300N/100mm, Short Term: 1000N/100mm
- Tensile Strength: Long Term: 600N, Short Term: 1500N
- Storage Temperature: -40 To +70
- Armor Material: Steel Tape/Steel Wire



More Images



Product Description

Small Diameter And Light Weight GYXTW Armored Fiber Optic Cable For Aerial Installation

Product Specifications

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Product Overview

The GYXTW fiber cable is an optimal solution for aerial, duct, direct buried, and pipe laying applications. Its key features include:

- Parallel metallic elements for enhanced tensile strength
- Compact, small diameter design with lightweight construction
- Corrugated steel armor for crush resistance and rodent protection
- Internal protection and filling elements to prevent water ingress
- Flexible and easy to install in field conditions



Technical Specifications

Cable Data

Fiber count	Structure	Fibers per tube	Loose tube diameter (mm)	CSM diameter/pad diameter (mm)	Nominal Thickness of outer jacket (mm)	Cable diameter/Height (mm)	Cable weight (kg/km)
2	1	2	1.7±0.1	1.0/1.0	1.6	8.0±0.2	57
4	1	4	1.85±0.1	1.0/1.0	1.6	8.0±0.2	58
6	1	6	1.9±0.1	1.0/1.0	1.6	8.0±0.2	58
8	1	8	2.0±0.1	1.0/1.0	1.6	8.0±0.2	60
12	1	12	2.2±0.1	1.0/1.0	1.6	8.0±0.2	60

Fiber Parameters (G.652D)

No.	Items	Unit	Specification
1	Mode Field Diameter (1310nm)	μm	9.2±0.4
	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
	Attenuation(max.) (1550nm)	dB/km	≤0.21
	Attenuation(max.) (1380nm)	dB/km	≤0.35
	Attenuation(max.) (1625nm)	dB/km	≤0.24

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

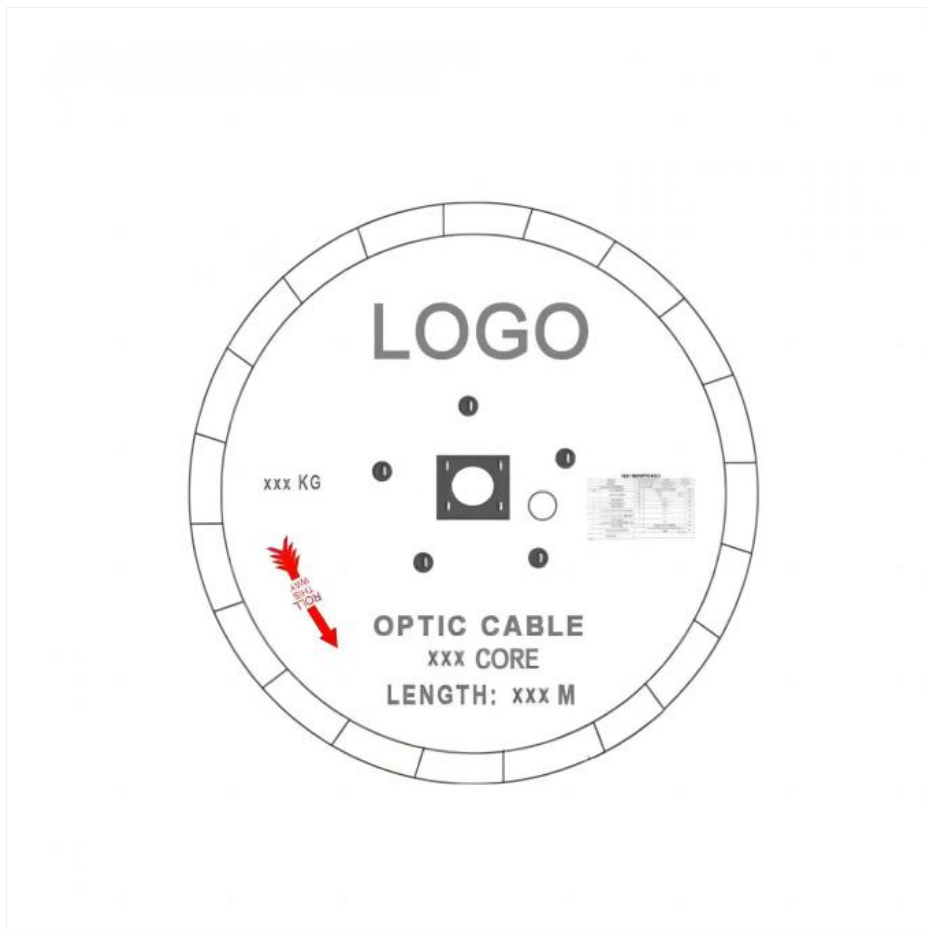
Cable Marking & Fiber Colors

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

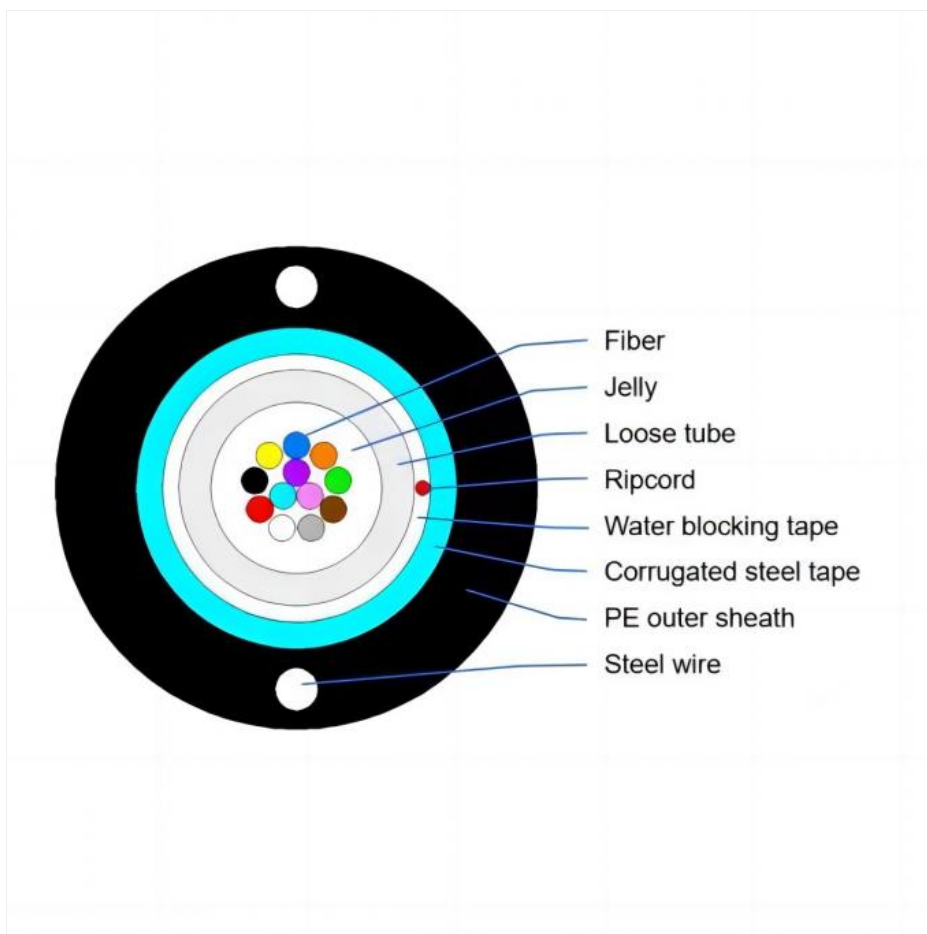
Marking is printed every 1 meter

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

Custom marking available according to client requirements



Ordering Information



OEM/Customized Order Process

Send purchase intention to: cotton@fibercablepuls.com

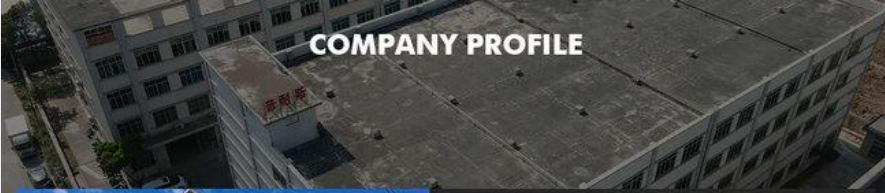
Our sales team will confirm product specifications, packaging, printing, and quantity

Sign contract or Proforma Invoice

Production begins after receiving deposit

Shipping arrangements notified 2 weeks before production completion

Supplier Profile



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, Lenoovo, and many other large national enterprises.



OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM



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