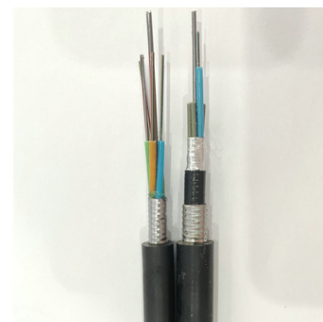




144 Core GYTA53 Outdoor Direct Buried Fiber Optic Cable

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAISGD/CABLEPULS
- Certification: ISO/CE/ROSH
- Model Number: GYTA53
- 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

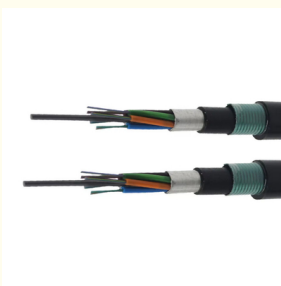


Product Specification

- Warranty Period: 25 Years
- Jacket Color: Black
- Jacket Material: PE/LSZH
- Fiber Type: G.652D
- Crush Resistance: $\geq 1000\text{N}/100\text{mm}$
- Tensile Strength: Long Term: 600N, Short Term: 1500N
- Storage Temperature: -40 To +70
- Armored Type: Steel Tape/Aluminum
- Application: Outdoor Duct Installation
- Installation Method: Direct Buried
- Fiber Count: 2-288
- Water Blocking: Water Swellable Tape
- Armor Type: Steel Tape/ALUMINUM TAPE
- Highlight: **144 CORE Fiber Optic Cable, Direct Buried Outdoor Fiber Optic Cable, Fiber Optic Cable GYTA53**



More Images



Product Description

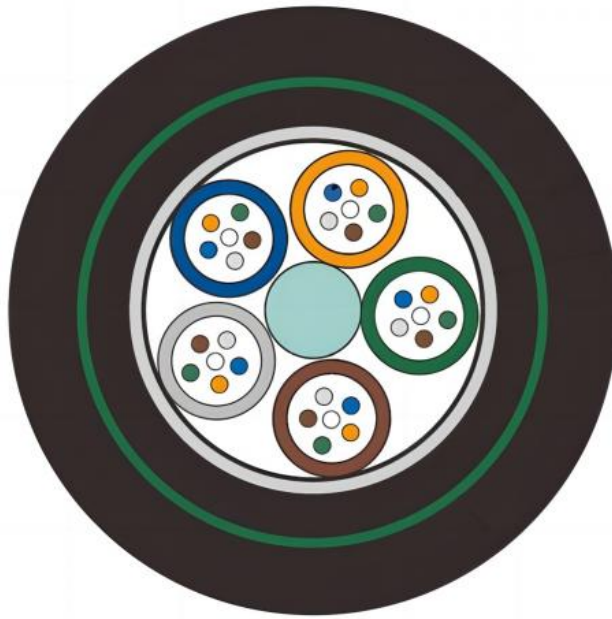
144 CORE Outdoor Fiber Optic Cable Direct Buried GYTA GYTA53

Product Specifications

Attribute	Value
Warranty Period	25 years
Jacket Color	Black
Jacket Material	PE/LSZH
Fiber Type	G.652D
Crush Resistance	≥ 1000N/100mm
Tensile Strength	Long Term: 600N, Short Term: 1500N
Storage Temperature	-40 to +70
Armored Type	Steel Tape/Aluminum
Application	Outdoor duct installation
Installation Method	Direct Buried
Fiber Count	2-288
Water Blocking	Water Swellable Tape
Aarmor Type	Steel Tape/ALUMINUM TAPE

Product Features

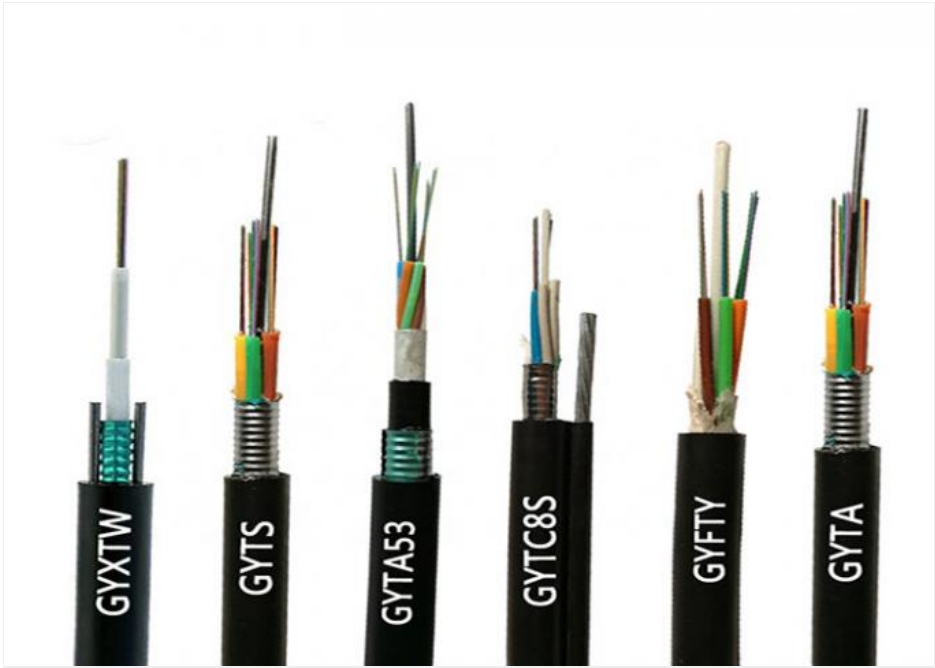
- Adopts "SZ" two-way layer twisting technology
- Filled with water-blocking gel for full-section water protection
- Aluminum tape with reliable lap bonding, high strength and torsion resistance
- Excellent environmental performance (-40°C to +60°C operating range)
- Suitable for overhead, pipeline, and direct burial installation methods
- Double-sheathed, double-armoured structure with superior crush resistance
- Rodent protection and anti-UV PE jacket



Applications

- Direct Burial installations
- Connecting communication equipment
- Multi-core wiring systems in data centers

GYTA53 Cable Order Information



Cable Data

Fiber Count	Fibers Per Tube	Loose Tube Diameter	CSM Diameter	Nominal Thickness of Outer Jacket	Cable Diameter	Cable Weight
4	4	1.8±0.1	1.4/1.4	1.6	11.5±0.2	140
6	6	1.9±0.1	1.4/1.4	1.6	11.5 ±0.2	140
8	8	1.9±0.1	1.4/1.4	1.6	11.5 ±0.2	140
12	6	1.9±0.1	1.4/1.4	1.6	11.5 ±0.2	140
24	6	1.9±0.1	1.4/1.4	1.6	11.5±0.2	140
36	12	1.9±0.1	1.6/1.6	1.6	11.5±0.2	140
48	12	2.2±0.1	1.6/1.6	1.6	12.2±0.2	140
72	12	2.2±0.1	1.6/3.5	1.6	12.2±0.2	150
96	12	2.2±0.1	2.0/2.0	1.6	12.2±0.2	160
144	12	2.2±0.1	2.0/6.4	1.8	13.8±0.2	180

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/(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	dB	≤0.01

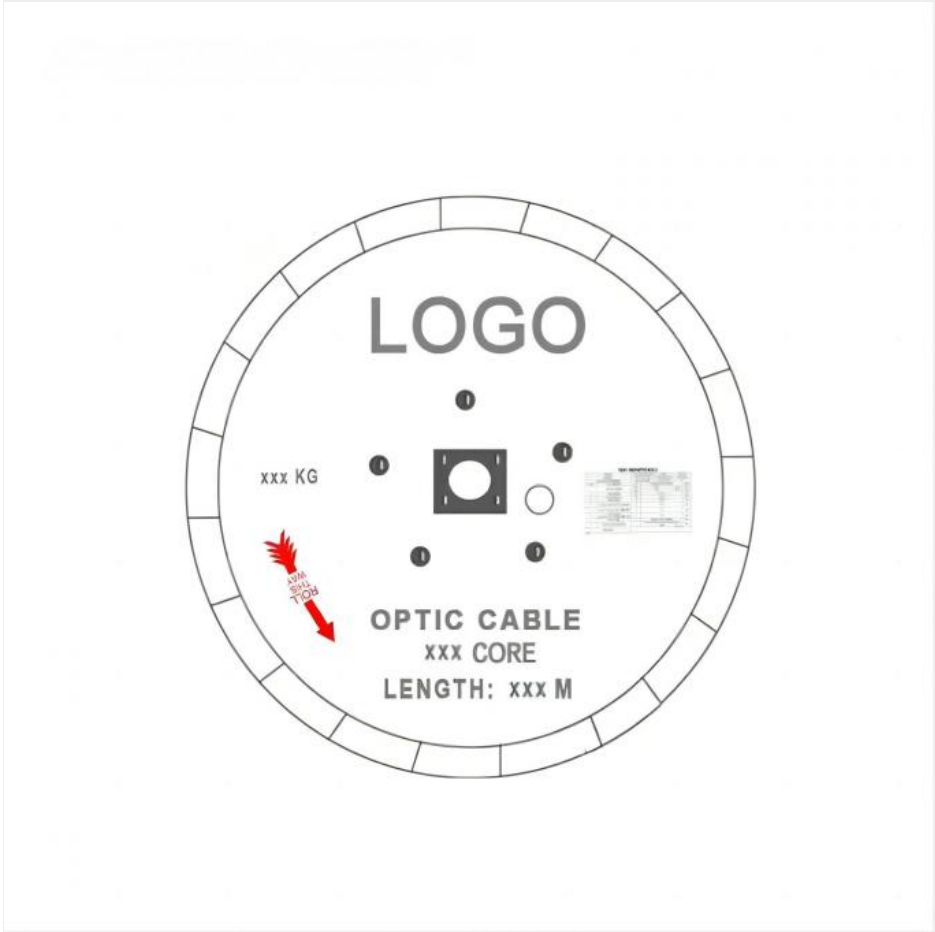
Cable Marking & Fiber Colors

COMPANY Fiber cable name N*cores G.652D 2024 XXXXm

**The marking is printed every 1 meter*

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

Custom marking available according to client requirements



Production 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, Lenovo, and many other large national enterprises.



OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM



How to Place an OEM or Customized Order

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



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