



GYTA53 Armoured Direct Buried Fiber Optic Cable 12-48 Cores

Basic Information

- Place of Origin: GUANGZHOU/CHINA
- Brand Name: PUNAIISGD/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

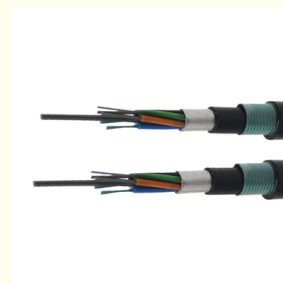
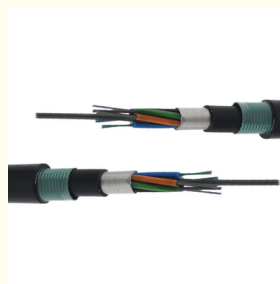


Product Specification

- 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: **Fibre Optical Direct Buried Cable, Direct Buried Cable 48 Cores, Underground Armoured Fiber Cable**



More Images



Product Description

Underground Fibre Optical Direct Buried Cable Armoured GYTA53 12 24 48 Cores

Product Specifications

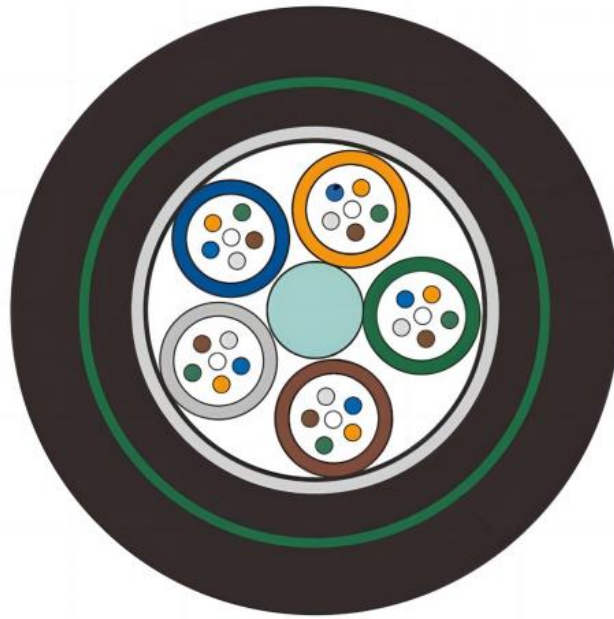
Attribute	Value
Warranty Period	25 years
Jacket Color	Black
Jacket Material	PE/LSZH
Fiber Type	G.652D
Crush Resistance	≥ 1000N/100mm
Tensile Strength	Long Term: 600N, Short Term: 1500N
Storage Temperature	-40 to +70
Armored Type	Steel Tape/Aluminum
Application	Outdoor duct installation
Installation Method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

Product Features

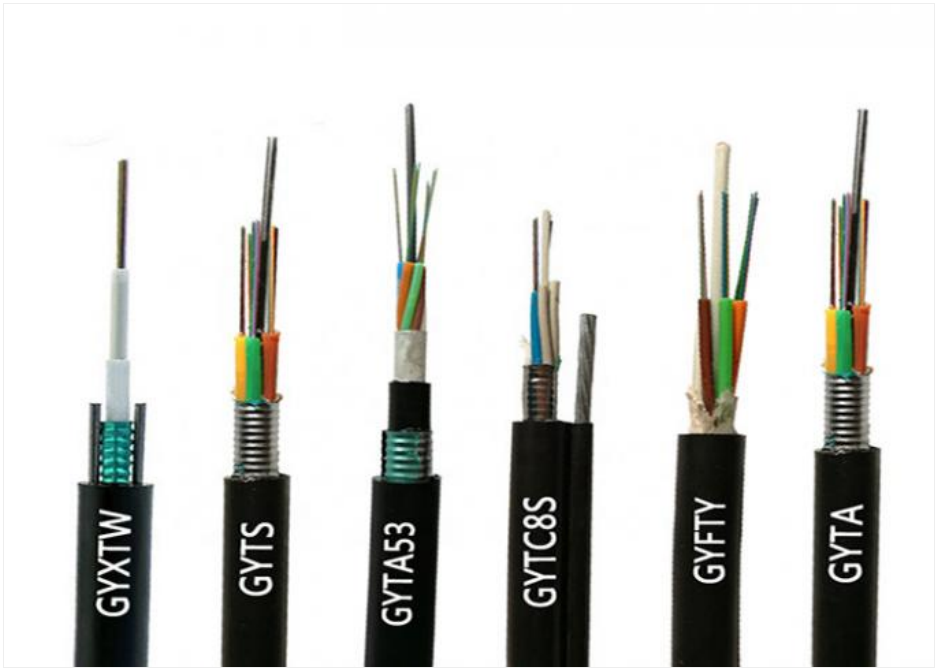
- Adopts "SZ" two-way layer twisting technology
- Filled with water-blocking gel for full-section water protection
- Aluminum tape with reliable lap bonding, high strength and torsion resistance
- Excellent environmental performance (-40°C to +60°C operating range)
- Suitable for overhead, pipeline, and direct burial installation
- 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 Technical Specifications



Cable Dimensions

Fiber Count	Fibers Per Tube	Loose Tube Diameter	CSM Diameter	Outer Jacket Thickness	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)

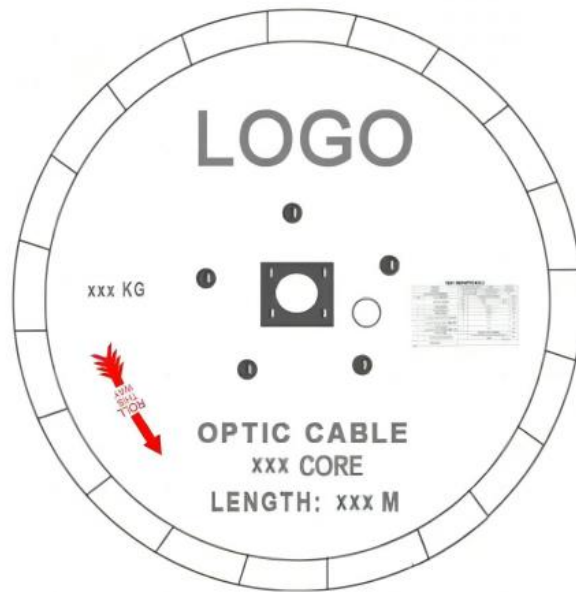
Parameter	Wavelength	Unit	Specification
Mode Field Diameter	1310nm	μm	9.2±0.4
Mode Field Diameter	1550nm	μm	10.4±0.8
Cladding Diameter	-	μm	125.0±1.0
Cladding Non-Circularity	-	%	≤1.0
Core-Cladding Concentricity Error	-	μm	≤0.5
Coating Diameter	-	μm	245±5
Coating Non-Circularity	-	%	≤6.0
Cladding-Coating Concentricity Error	-	μm	≤12.0
Cable Cutoff Wavelength	-	nm	λ _{cc} ≤1260
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

Cable Marking & Identification

Standard marking: 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

How to Place an OEM or Customized Order

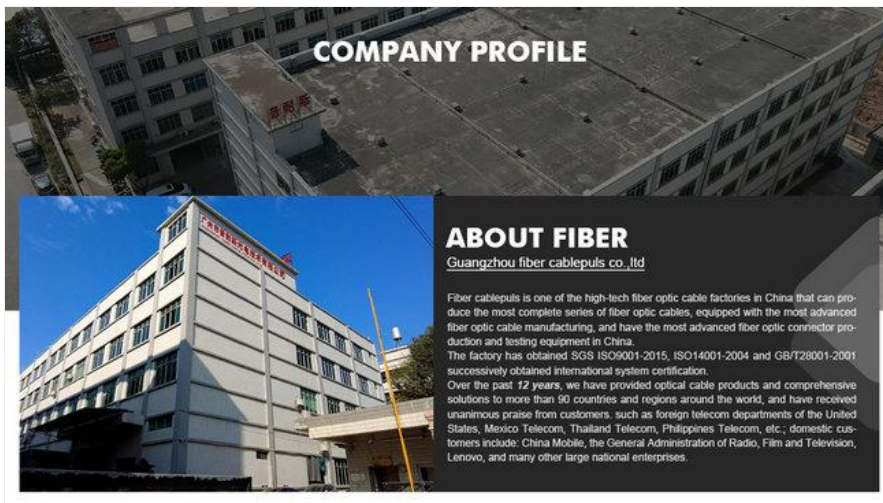
Send your purchase requirements to: cotton@fibercablepuls.com

Our sales team will confirm product specifications, packaging, and other details

Sign contract or Proforma Invoice

Production begins after deposit receipt

Shipping arrangements coordinated 2 weeks before production completion





OUR PRODUCTION CAPACITY AND QUALITY CONTROL SYSTEM



guangzhou fiber cablepuls co ltd



+8613687956390



cotton@fibercablepuls.com



fiberoptical-cables.com

925-926, Building B1, No. 2 Chuanghui Avenue, Yonghe Yushan International Guangzhou city, Guangdong province, China