

Gyta Optical Cable Manufacturing Plant



Overview

The GYTA Optical Cable from Jiangsu Jinshaohua Cable Co., Ltd. is designed for outdoor fiber optic communication networks.

Key Takeaways

GYTA optical cables are produced in specialized plants with advanced equipment, strict quality control, and international-standard compliance, suitable for long-distance and harsh-environment applications. Plant Overview

GYTA optical cables are manufactured in modern facilities such as those operated by Honwy Communication Technology Co., Ltd. in Guangzhou, China, covering 30,000 square meters and equipped with high-tech production lines for indoor and outdoor optical cables, optical components, and access equipment. These plants integrate advanced fiber-optic cable production technology, international management systems, and rigorous quality control to ensure every meter of cable meets GB, ITU-T, IEC, ISO9001, ISO14001, UL, and RoHS standards.

Production Process

The manufacturing process of GYTA cables involves several key steps :

- Fiber preparation: Single-mode or multi-mode optical fibers are coated and tested for low attenuation and high bandwidth.
- Loose tube assembly: Fibers are placed in high-modulus polyester loose tubes filled with waterproof compounds.

- Central reinforcement: A metal-reinforced core provides mechanical strength.
- Armoring: Aluminum or steel tape (APL) is applied for crush resistance, rodent protection, and moisture-proofing.
- Outer jacket extrusion: Polyethylene or flame-retardant materials form the final cable sheath.
- Quality control: Each step undergoes strict inspection to ensure mechanical, thermal, and environmental performance .

Cable Specifications

GYTA cables are designed for long-haul communication, LANs, backbone networks, and metropolitan area networks. Key features include :

- Core count: 2 to 144 fibers
- Operating temperature: -40°C to +60°C
- Mechanical properties: High tensile strength, crush resistance, and hydrolysis resistance
- Environmental protection: Moisture-proof, rodent-resistant, and suitable for direct burial, aerial, or duct installations
- Materials: Polyethylene jacket, aluminum or steel tape armor, water-blocking fillers, and optional HFFR jacket

Global Reach and Customization

Manufacturers like Huadong Cable Group and Clouddtop supply GYTA cables worldwide, including Southeast Asia, Africa, the Middle East, and Latin America . Plants offer custom design services, adjusting fiber count, cable diameter, and jacket materials to meet client-specific requirements and environmental conditions.

Applications

GYTA optical cables are widely used in:

- Telecom networks for high-speed data transmission
 - Smart grid systems and industrial automation
 - Military and national infrastructure projects
 - Integrated power and data networks where durability and reliability are critical
- These manufacturing plants combine high-efficiency equipment, professional teams, and strict quality management to produce GYTA cables that meet both domestic and international standards, ensuring long-term performance in demanding environments .

Article Content

Gyta Cable Factory, Custom Gyta Cable OEM/ODM Manufacturing

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GYTA Optical Cable | Stranded Loose Tube Aluminum Tape Armored

The GYTA Optical Cable from Jiangsu Jinshaohua Cable Co., Ltd. is designed for outdoor fiber optic communication networks. The

Optical Cable Manufacturer, GYTA, Gydxtw Supplier

Our company's main production covers unitube, stranded loose tube, ribbon, ADSS outdoor optic cable, indoor optic cable and other

Armored Aerial Cable GYTA 2 | FS

With metallic central strength members, it offers ease of location while dielectric design eliminates grounding issues. Duct cables are

Armored Aerial Cable GYTA | FS

With metallic central strength offers ease of location while dielectric grounding issues. Duct cables are typically buried, and then the

Factory Single Mode Fiber Optical Cable GYTA Stranded Loose Tube ...

We were established in 2001 as a manufacturer of fiber optic cable. Since then we have been growing to become a leading Chinese

GYTA33 Optical Cable | TeleTechno Communications

GYTA fiber optic cable is applied to long-distance positioning, the connection of the internal building, the distribution and the system

GYTA fiber optic cables

GYTA is the stranded loose tube fiber optic cable with compact structure; the cable jacket is made of strong Polyethylene; High

Understanding Optical Fiber Cables: GYTA vs. GYTS and Their ...

3.1 Manufacturing GYTA Cables 3.1.1 Material Selection Optical Fibers: Choose high-quality fibers with low attenuation and minimal

Armored Aerial Cable GYTA | FS

Datasheet Outdoor Cable Single-armored Single-jacket Aerial Cables - GYTA GYTA is a type of fiber optic cable in stranded loose

GYTA Fiber Optic Cable

This fiber optic cable features the good mechanical and temperature performance. GYTA is with high strength loose tube that is

GYTA 24-144 Core Outdoor Optical Fiber Cable

Product Description GYTA outdoor fiber optic cable, is also called multi loose tube aluminum polyethylene laminated tape external

cloudtop Outdoor Optic Fiber Cable GYTA

The GYTA outdoor fiber cable is built using single-mode or multi-mode optical fibers, ensuring low signal attenuation and high-speed

GYTA Fiber Optic Cable | Stranded Loose Tube Aluminum Armored

During manufacturing of the GYTA Fiber Optic Cable, process inspection maintains strict quality control. Optical fiber coloring and

GYTA53 Fiber Optic Cable Specifications

This document describes an outdoor optical fiber cable for communication networks. The cable contains metallic strength members,

Fiber Optic Cable Manufacturing Plant Cost, DPR 2026

Fiber Optic Cable Manufacturing Plant Project Report (DPR) Summary: IMARC Group's comprehensive DPR report, titled " Fiber

GYTA Underground Optical Fiber Cable

Explore the GYTA Underground Optical Fiber Cable, designed for outdoor and duct installations. Offering superior durability,

Outside Plant Fiber Cable|GYTA33 Optic Cable 12 Cores G652D SM ...

Explore the details, specifications and video of our GYTA33 Optic Cable 12 Cores, and order high-quality GYTA33 Optic Cable 12

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

