

Gydt type optical cable



AI Overview

GYDTA is an outdoor, metal-reinforced, loose tube optical cable with ribbon fiber organization, designed for high-density communication networks. Overview The GYDTA optical cable is a layered, circular, non-self-supporting outdoor cable primarily used in communication networks for backbone or long-distance transmission. It features optical fiber ribbons housed in loose tubes, which are filled with water-blocking compounds to protect the fibers from moisture and environmental hazards. The cable is reinforced with a metal strength member, typically a steel strand, providing tensile strength and structural stability. Structure and Materials Fiber Organization: The optical fibers are arranged in ribbons, allowing for high-density fiber counts and efficient mass fusion splicing. Loose Tube: High-modulus plastic loose tubes encase the fiber ribbons, filled with thixotropic water-blocking gel to prevent hydrolysis and moisture ingress. Central Reinforcement: A metal core (steel or aluminum) forms the skeleton of the cable, around which loose tubes and filling ropes are helically stranded. Sheathing: The cable is wrapped with aluminum tape and a polyethylene (PE) outer sheath, providing mechanical protection, UV resistance, and durability in outdoor environments. Tensile and Environmental Protection: The design ensures good tensile performance, temperature resistance, and moisture protection, making it suitable for direct burial or duct installation. Applications Outdoor Communication Networks: Ideal for backbone networks, long-distance fiber deployment, and high-density fiber routing. Direct Burial or Ducts: The metal reinforcement and protective sheathing allow installation in underground ducts or direct burial scenarios. High-Density Fiber Management: Ribbon fiber organization supports mass fusion splicing and efficient network expansion. Key Features High fiber density with ribbon configuration Loose tube design with water-blocking gel Metal strength member for tensile support Aluminum-polyethylene sheath for environmental protection Suitable...

Article Content

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Huaneng GYDTA Optical Fiber Ribbon Cable 12-core/24-core Outdoor ...

Huaneng GYDTA Optical Fiber Ribbon Cable 12-core/24-core Outdoor Stranded Loose Tube G.652.D High Speed for Access Network

Ribbon Cable Series

The GYDTA optical cable is a loose tube stranded non-armored optical fiber ribbon cable, specially designed for large-core-count metropolitan area networks. It features high water resistance,

GYDTA Fiber Optic Cable

We supply GYDTA fiber optic cables from 2core types to 420 core types, GYDTA cable is with aluminum tape armor and it is ribbon fiber cable suitable for high density fiber requirement. Both single mode

GYDTA Ribbon Fiber Optic Cable | Stranded Loose Tube Aluminum

GYDTA ribbon fiber optic cable is a stranded loose tube outdoor optical cable designed for access networks and high-fiber-count communication applications. The optical fiber ribbons are placed

Stranded Fiber Ribbon Cable (GYDTA)

The commonly used fiber ribbon cables are stranded structure (GYDTA) and skeleton structure (GYDGA). The structure of GYDTA cable is the same as

GYDTA 240Core Fiber Optical Cable GYDTS Cable Stranded Layer

Other attributes Model Number GYDTA Type Fiber Optic Cable Place of Origin Hunan, China Number of Conductors ≥ 10 Product name GYDTA Optic Cable Color Black MOQ 1000Meter/Meters Package

HTF DWDM equipment,OTN Solution,QSFP28 OSFP

HTFuture offers industry-leading fiber optic products and WDM system solutions with global recognition for excellence and innovation.

Common communication GYDTA optical cable

GYDTA is a layered circular non-self-supporting optical cable, and the optical fiber in the optical cable is a plastic loose sleeve structure. J- is a tightly covered structure.

Common communication GYDTA optical cable

What type is the FTTH input cable? What is GYDGA optical cable? The following takes the GYDTA 192B1.3 optical cable as an example to talk about the naming of commonly used optical

China Factory GYDTA Optical Fiber Cable 144/288 Core Outdoor

Key attributes Brand Name SZADP Model Number GYDTA Type GYDTA Place of Origin Guangdong, China Model Number GYDTA/S Type Fiber Optic Cable Number of Conductors ≥ 10 Product name

GYDTA Ribbon Fiber Optic Cable | Stranded Loose Tube Aluminum

Jinshaohua Cable supplies GYDTA ribbon fiber optic cable with stranded loose tube structure, optical fiber ribbons, central metallic strength member, water-blocking filling, aluminum-polyethylene bonded

GydtA Outdoor Fiber Optic Cable Metallic Strength Aluminium Tape

Other attributes Model Number GYDTA Type fiber optic cable Place of Origin Guangdong, China Number of Conductors ≥ 10 Colour BLACK Model Number Fibre Optical Cable 36 Core Fiber count 2

Stranded Fiber Ribbon Cable (GYDTA)

Specific cable models such as: GYDTA-288B1.3-12F, etc. Product features: Excellent mechanical performance and temperature characteristics. Effective

GYTA, GYTA fiber optic cable

GYTA fiber optic cable incorporates a robust metal strengthening element, a loose tube filled with a waterproof compound, and an aluminum-polyethylene bonded sheath. The optical fibers, whether

Armored Ribbon Cables GYDTA | FS

GYDTA GYDTA uses steel as the central strength member ensures good tensile resistance, and improves the bending performance. It has excellent moisture resistance ability: the loose tube is filled

The advantages and disadvantages of the loose-layer twisted ...

Loose-layer twisted fiber optical cable GYDTA (72-576 core) is a type of fiber optic cable that is commonly used in communication networks due to its high capacity and long-distance

GYDTA Stranded Loose Tube Ribbon Fiber Optic Cable

GYDTA is a stranded loose tube ribbon fiber optic cable with an APL (aluminum-polyethylene laminated) sheath and PE outer sheath. It is designed for high-density outdoor duct, backbone, and metro

GYDTA Fibre Optic Cable Outdoor for Communication

Optical cable has small diameter, high fiber density and light weight. Smooth

GYDTA Fiber Optic Ribbon Cable (SM/MM 48-576 Fibers)

GYDTA Fiber Optic Ribbon Cable (SM/MM 48-576 Fibers) The fiber ribbons are positioned in the loose tube. The loose tubes are made of high modulus plastics

Stranded Loose Tube Optical Fiber Ribbon Cable

Bynet GYDTA, GYDTS ribbon cable (72-576 fibers) delivers high-capacity, robust mechanical and environmental protection for long-distance backbone networks in

GYDTA optical cable

Loose-layer twisted fiber optical cable GYDTA (72-576 core) is a type of fiber optic cable that is commonly used in communication networks due to its high capacity and long-distance

Exploring Gydta Fiber Optic Cable: Composition, Grades, and

Types of GYDTA Fiber Optic Cables A GYDTA fiber optic cable is a robust, armored outdoor communication cable widely used in telecommunications and networking infrastructure. Designed for

China Factory GYDTA Optical Fiber Cable 144/288 Core Outdoor

Brand Name Aoptke Model Number GYDTA-288B1.3 Type Fiber Optic Cable Place of Origin Hunan, China Number of Conductors ≥ 10 Conductor Material Glass Fiber Type G652D Product name

GYDTA Fibre Optic Cable Outdoor for Communication

GYDTA (metal strengthening member, loose tube stranded and filled with optical fiber ribbon, aluminum-polyethylene bonded sheathed outdoor optical fiber cable

Contact Us

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