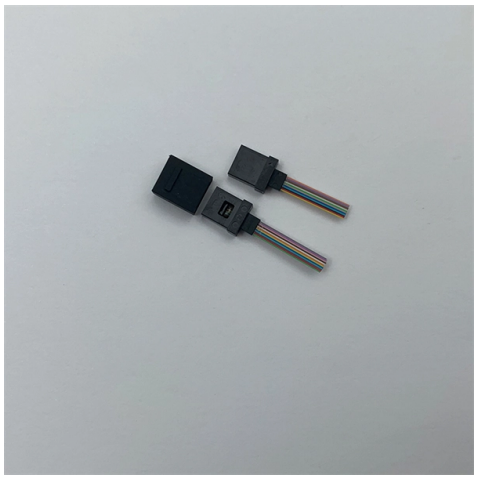
Gyts six-core optical cable



Overview

Product Summary GYTS 6-core armored fiber optic cable for telecom. Features LSZH/PE jacket, loose tube structure, -40°C to 75°C operating range.

Key Takeaways

The GYTS six-core optical cable is a robust, armored outdoor fiber optic cable designed for long-distance, high-speed telecommunications with excellent environmental and mechanical protection.

Construction and Design

The GYT

S six-core cable features single-mode fibers housed in a loose tube construction filled with water-blocking gel to prevent moisture ingress and maintain signal integrity. The loose tubes and fillers are arranged around a metallic central strength member, typically a steel wire, which provides tensile strength and stability. The cable core is bound with polyester yarns and filled with a water-blocking compound to ensure durability in humid or submerged conditions.

The cable is further protected by a double-sided corrugated steel tape (PSP) armor and an outer polyethylene (PE) sheath, offering resistance against crushing, rodents, UV exposure, and mechanical impacts. Ripcords are included for easy sheath removal during installation.

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Performance Characteristics

Low attenuation: Loss change ≤ 0. 1 dB/km at 1550 nm, ensuring minimal signal degradation over long distances. Mechanical resilience: High tensile strength, impact resistance, flat pressure resistance, repeated bending, torsion, and wear resistance.

Environmental protection: Water-blocking gel and armored design prevent moisture penetration, while PE sheath provides UV resistance. Temperature range: Operates reliably between -40°C and +70°C.

Applications

The GYT

S six-core cable is ideal for outdoor backbone networks, including: Direct burial in the ground or installation in conduitsAerial deployment along poles or towersLong-distance inter-office or telecom carrier networksEnterprise outdoor networks requiring high bandwidth and low attenuation AdvantagesDurable and reliable: Combines steel reinforcement, armored protection, and water-blocking features for long service life. High performance: Single-mode fibers support high-speed, long-distance data transmission with low signal loss. Versatile installation: Suitable for direct burial, conduit, or aerial applications.

In summary, the GYTS six-core optical cable is a professional-grade solution for outdoor fiber optic networks, offering mechanical strength, environmental protection, and reliable long-distance performance. It is widely used in telecom, utility, and enterprise infrastructure projects where durability and signal integrity are critical.

Article Content

GYTS 6 Core Fiber Optic Outdoor Cable Water Resistance For ...

Product Summary GYTS 6-core armored fiber optic cable for telecom. Features LSZH/PE jacket, loose tube structure, -40°C to 75°C operating range. High crush/water resistance, custom OEM options

6-core optical fiber cable Gyts

The construction of GYTS fiber optic cables is thoroughly explained, delving into the central tube design, optical fibers, metallic strength members, and outer sheath.

Layer Stranded Armoured Optical Cable

GYTS Outdoor optical cable for communication with metal reinforcing member, loose tube stranded and filled, steel-polyethylene bonded sheath Cable cross-section (only for reference, not to

GYTS-6B1.3 6 Core Single Mode Armoured GYTS

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For the multi-core optical cable, the reinforced core needs a PE jacket. The loose tube and filling rope are twisted with each other around the center reinforcing

GYTS/GYFTS Cable – ANISCOM GROUP

A metallic or FRP wire, sometimes sheathed with polyethylene (PE) for cable with high fiber count, locates in the center of core as a strength member. Tubes (and fillers) are stranded around the

GYTS 6 Core Loose Tube Optical Fiber Cable For Telecommunication ...

GYTS Armored Loose Tube Single Jacket/Single Armor fiber optic cables are designed to provide high fiber counts with the flexibility and versatility required for today''s most demanding installations,

GYTS Armored Optical Cable Specifications

The document provides specifications for the Armored Optical Cable (GYTS) manufactured by Fiber Hope Optical Communication Tech Co., Ltd., detailing its construction, technical specifications, and

Have Numerous Commonly Used GYXTW Cable in

GYXTW fiber optic cables are cheap, and commonly used cores are in stock. For inquiries about the 4/6/8/12 core fiber optic cable price.

GYTS Outdoor Armored Fiber Cable 96 Core

GYTS optical cable generally refers to layer twisted optical cable. taining optical fibers twisted into a round cable core around the central reinforcing member. The metal or non-metallic reinforcement is

GYTS GYFTS Optical Cable

The PSP is longitudinally applied over the cable core, which is filled with the filling compound to protect it from water ingress. The cable is completed with a PE

GYTS Armored Fiber Optic Cable | Wholesale Duct & Aerial

Source GYTS armored fiber optic cable direct from our factory. With steel tape armor and a PE jacket, it''s ideal for harsh aerial and duct environments. Contact us for bulk pricing.

6 Core Fiber Optic Cable for Aerial Application GYTS

fiber 4 million fkm fiber cable 1.2 million core km data cable 96000 cases municipal telephone cable 6 couple million 6 couple km annual export volume 200,000 km

Kaichuangtong GYTS-6 Core Single-Mode Outdoor Fiber Optic Cable ...

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Shop Kaichuangtong GYTS 6-core single-mode outdoor fiber optic cable. Armored for direct burial, waterproof, and UV-resistant. Ideal for backbone telecom and FTTH networks. Sold per meter.

GYTA / GYTS 24 Cores Single Mode G652D Fiber

We''re one of leading gyta / gyts 24 cores single mode g652d fiber optic cable manufacturers and suppliers in China.Source here the best customized gyta /

24 Cores GYTS Fiber Optic Cable_HuaDong Cable & Wire

24 Cores GYTS Fiber Optic Cable is the outdoor fiber optic cable type used for duct and aerial applications. We supply single mode GYTS fiber optical cable and

60 Core Duct Armored Stranded Fiber Optic Cable GYTS

Product Description 60 core duct armored stranded fiber optic cable GYTS GYTS is used for duct or aerial applications. These steel tape armored cables are suitable for installation for long haul

GTYS Fiber Optic Cable for Duct and Buried Application

GYTS fiber optic cable is outdoor fiber cable with corrugated steel tape armored. Suitable for duct and direct buried application with fiber counts from 2cores to 432cores for both singlemode and multimode.

Armored Fiber Optic Cable 6 12 24 Core GYXTW GYTS GYTA53

Armored Fiber Optic Cable 6 12 24 Core GYXTW GYTS GYTA53 GYTC8S GYFTY Duct Direct Buried Communication Cable De Fibra Optica No reviews yet 2 sold #3 most popular in GYFTY

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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

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