

Gyftzy24-core optical fiber cable directly buried



AI Overview

GYFTZY24-core fiber optic cable is designed for direct burial, featuring loose tube fibers, water-blocking materials, and a PE sheath for mechanical and environmental protection.

Cable Structure and Features

The GYFTZY24 cable is typically a single-mode or multi-mode fiber optic cable with 24 cores, arranged in gel-free loose tubes made of high modulus plastic. These tubes are stranded around a central strength member, often a steel wire or FRP (fiber-reinforced plastic), providing mechanical support and strain resistance. The cable includes multiple protective layers:

- Water-blocking materials (gel or tape) to prevent moisture ingress.
- Polyethylene (PE) outer sheath for UV, moisture, and abrasion resistance.
- Optional steel tape or wire armor for enhanced crush and rodent protection, especially in high-risk underground environments.

Installation and Application

Direct burial means the cable can be installed underground without additional conduits, making it suitable for:

- Long-distance outdoor communication
- Local area network (LAN) distribution
- Pipeline or duct installations

Harsh environmental conditions, including soil acidity, humidity, and temperature variations. The cable's loose tube design allows fibers to move freely, reducing stress and preventing attenuation during bending or temperature changes. Its double sheath and armored options provide excellent crush resistance and rodent protection, ensuring long-term reliability in direct burial applications.

Key Advantages

- High mechanical strength and temperature resistance
- Waterproof and UV-resistant for outdoor deployment
- Flexible fiber count and customizable design for specific project needs
- Lightweight and easy to install, despite robust protection layers

Summary

The GYFTZY24-core direct buried fiber optic cable is a robust solution for underground fiber deployment, combining mechanical strength, water-blocking, an...

Article Content

24 Core Outdoor Armored Double Jacket Fiber Optic Cable

24 Core GYTY53 fiber optic cable is used for direct buried underground, it suit for long distance and LAN fiber communications, we supply both the single mode GYTY53 cable and multimode GYTY53 cables.

Microsoft Word

Optical fibres are housed in loose tubes that are made of high-modulus plastic and filled with waterproof compounds. Steel wire is applied as central strength member. Ultraviolet radiation protected sheath.

Direct Buried Fiber Cable-Products-Bynet

Direct Buried Fiber Cable Bynet Engineered for burial directly in the ground without the need for conduit protection, our Direct Buried Fiber Optic Cable is built to withstand the harshest subterranean

Direct Buried Fiber Optic Cables | Optical

Designed to meet the demands of today's data-intensive world, these cables are comprised of multiple optical fibers bundles in a flat ribbon format that is high

Sm 24 core direct buried fiber optic cable

Find durable SM 24 core direct buried fiber optic cables for reliable outdoor communication. Perfect for both commercial and residential applications.

GYTA53 Fiber Optic Cable (Direct buried)

Industrial-grade GYTA53 Outdoor Fiber Cable. Features Double Jacket (PE) and Double Armor (Aluminum + Steel) for direct burial applications. 100% Rodent-proof and moisture-resistant.

Gyfts 24 Single Mode 24 Core Direct Buried Fiber Optic Cable

Type: Fiber Optic Cable Wiring Devices: No Certification: CE, ISO, RoHS, GS Condition: New Modelnumber: Gyfts Selling Units: Single Item

Kexint Gyftzy63 Outdoor Rat-Proof Waterproof Directly

GYFTZY63 (non-metallic strengthening member, loose tube stranded and filled, polyethylene sheathed outdoor optical fiber cable for communication) The

24 Core Direct Buried Armored Fiber Optical Cables

Shop high-quality 24 core direct buried armored fiber optical cables for reliable communications. Durable, outdoor-friendly, and available in various configurations.

Single-Armored Direct Buried Cables-GYFTY53 | FS

A layer of water-blocking material is applied around the cable core to prevent water ingress. It can be used for duct and direct buried application, suitable for frequent lightning area and anti electric field.

24 Core Fiber Optic Cable GYTY53 Outdoor Armored Double Jacket

24 Core GYTY53 fiber optic cable is used for direct buried underground, it suit for long distance and LAN fiber communications, we supply both the single mode GYTY53 cable and multimode GYTY53 cables.

Gyfts 24 Single Mode 24 Core Direct Buried Fiber Optic Cable

The tubes inside are gelfree. A FRP, 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

Directly Buried Optical Cable

GYTY53 is a rugged single-armored, double-jacket outdoor fiber optic cable specifically engineered for direct burial applications.

6 12 24 Core Underground Waterproof Armored Direct

The structure of GYXS/GYXTW optical cable is to put 250µm optical fiber into a loose tube made of high modulus material, and the loose tube is filled with

24 Core Direct Buried Fiber Optic Cable 7224 - Pony Cables

Class Date Title Language Type Download Datasheet 2017 24 Core Direct Buried Fiber Optic Cable English

China Direct Buried Fiber Cable Manufacturer

China direct-buried cable manufacturer since 2004, Commonly used UG cable types that GL FIBER can provide include GYTA53, GYFTA53, GYTY53, GYFTY53, GYXTW53, etc.

GYXTY Outdoor Directly Buried Steel Wire Armored Fiber Cable

Product overview Introducing the GYXTY Outdoor Directly Buried Steel Wire Armored Fiber Cable - a high-performance, durable optical fiber solution engineered for demanding telecommunications

Direct Buried 24 Core Steel Wire Underground Fiber

High quality Direct Buried 24 Core Steel Wire Underground Fiber Optic Cable Double Armoured Gyfty53 from China, China's leading product market Gyfty53

Direct Buried Fiber Optic Cable

Direct burial is the most convenient laying method for fiber optic cable and also saves duct and aerial installation costs. Generally speaking, direct

Kexint Gyftzy63 Wholesale Directly Buried Fiber Optical Cable

Kexint Gyftzy63 Wholesale Directly Buried Fiber Optical Cable, Find Details and Price about Proof Waterproof Cable from Shenzhen kexint Technology Co., Ltd.

GYFTY FTTH Outdoor Direct Buried Optical Fiber Cable 24 Core fiber ...

Product name:GYFTY FTTH outdoor cable;Application:Aerial or Duct or direct buried;Jacket:PE Jacket;Certification:CE/ROHS/ISO9001;Length:2/3 Kilometers;Central strength

GYFTY Outdoor Fiber Optics Cables Single Mode 4 8 12 24 Core

PRODUCT DESCRIPTION GYFTY Outdoor Optical Cable Single-Mode 4-Core 8-Core 12-Core 24-Core Non-Metallic Outdoor Direct Buried Product description The center of the cable core is a glass fiber

24-Core Armored Fiber Optical Cable Quality Direct Buried

ShenZhen,China Place of Origin Model number: GYTA/GYXTW/GYTS/GYFTS Fiber count: 24 cores Optical fiber: G652D,G655.G657 Item: 24 core armored fiber optic cable Reinforce: Steel

Direct Buried 24 Core Steel Wire Underground Fiber

The Underground Direct Buried Fiber Optic Cable GYFTY53 are designed to

Direct Buried Fiber Optic Cables | Optical

Ribbon cables offer higher fiber counts and greater fiber density than any other cable construction designed for the outside plant (OSP), up to eight times the

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.introspec.co.za>

Email: info@introspec.co.za

Phone: +27 73 849 2156

Address: 25 Riebeek Street, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

