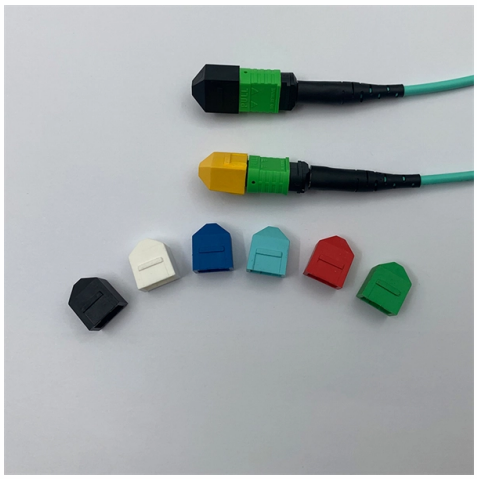
Price of Direct-Buried Optical Cable



Overview

Direct buried fibre optic cable is a kind of optical cable which is armoured with steel tape or steel wire outside.

Key Takeaways

Direct-buried optical cable prices vary widely based on fiber type, armor, jacket, and order quantity, typically ranging from $0. 50 to $5 per meter for standard configurations.

Factors Affecting Price

The cost of direct-buried fiber optic cables depends on several key factors: Fiber Type and Count: Single-mode (OS1, OS2) and multi-mode (OM2, OM3, OM4) fibers differ in price, with higher fiber counts increasing cost. Armor and Jacket: Steel wire armor (SWA), steel tape, or double/triple sheath designs provide mechanical protection and moisture resistance, which raises the price. Cable Structure: Loose tube, ribbon, or unitube designs affect manufacturing complexity and cost.

Length and Order Quantity: Bulk orders reduce per-meter cost, while small orders (e.g., 2 km minimum) may be more expensive per unit. Environmental Requirements: Water-blocking, crush resistance, and rodent protection add to the cost.

Typical Price Ranges

Standard single-mode or multi-mode cables: Approximately $0. 50–$2 per meter for basic direct-burial cables without heavy armor. Armored or double-sheath cables: $2–$5 per meter depending on fiber count, armor type, and jacket thickness.

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High-density ribbon cables: Can be higher due to mass-fusion splicing capability and high fiber counts, sometimes exceeding $5 per meter for specialized applications.

Purchasing Options

Custom Orders: Suppliers like HOC and Corning offer customized specifications for fiber type, armor, and length, with quotes provided upon request.

Pre-

Cut or Pre-Terminated Cables: Some vendors provide ready-to-install cables, which can reduce installation time and labor costs by up to 75%. Bulk Discounts: Larger orders typically receive better pricing, and shipping costs can be optimized for long runs.

Recommendations

For accurate pricing, it is best to contact suppliers directly with your project specifications, including fiber type, count, armor, jacket, and required length. This ensures a formal quote tailored to your installation needs and avoids over-specifying or under-protecting the cable network.

Article Content

Pricing Table for Direct-Buried Optical Cable Construction

Direct buried fibre optic cable is a kind of optical cable which is armoured with steel tape or steel wire outside. We''ll show actual costs for materials, labor, and hidden expenses that can kill your profit

Direct Buried Fibre Optic Cable Price And Installation

HOC produces all types of direct buried fibre optic cable, and supply with customized specifications for your project. Get a quote today!

Amazon : Direct Burial Fiber Optic Cable

Armored fiber optic cables for underground installation with UV and temperature resistance.

Shop Direct Burial Fiber Optic Cable | Discount Low Voltage

Durable direct burial fiber optic cable built for harsh underground environments. Shop gel-free, custom-cut options from trusted brands for reliable, long-distance connectivity.

Fiber Optic Cable Cost Per Foot: Price Range 2026

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Prices typically range from about $0.60 to $3.50 per foot for fiber optic cable and basic installation, depending on indoor vs outdoor routing, distance, and terrain.

Direct Burial Armored Fiber Optic Cable Cost Explained

What affects direct burial armored fiber optic cable cost, including armor type, jacket design, and installation conditions. Compare pricing options for outdoor projects

12 Strands Direct-Burial Fiber Optic Cable 1000 Meters

Direct-burial fiber optic cable is a type of cable that is specifically designed to be buried underground without the need for a protective conduit or duct. The rugged design ensures it can withstand

Direct Buried Fiber Optic Cable

The choice of materials directly impacts the efficiency, durability, and cost of direct buried fiber optic cable, making it essential to select the right composition for specific applications.

1000M Direct-Burial Fiber Optic Cable

Can be buried directly underground without the need for conduit or additional protective measures. Transmit signals more efficiently over longer distances, with lower attenuation and interference.

Armored Outdoor Fiber Optic Cable Selection Guide: How to Choose

Most outdoor armored fiber optic cables include water-blocking materials and a polyethylene outer jacket to prevent moisture ingress. Can armored fiber optic cable be buried directly?

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8 Cores GYTS Fiber Optic Cable Stranded Steel Tape

8 Core GYTS Fiber Optic Cable Stranded Steel Tape Cable is the outdoor fiber optic cable type used for duct and aerial applications. We supply single mode GYTS fiber optical cable and

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GYTA53 Cable Buying Guide for 5G & Rural Broadband

Market Trends & Product Insights: GYTA53 Fiber Optic Cable 1. Executive Summary The GYTA53 cable is a specialized outdoor armored optical fiber cable designed for harsh environments requiring

FRP Armored Anti Rodent Fiber Optic Cable GYFTY83-144B1.3

Anti Rodent Fiber Optic Cable FRP DI Electrical Armoured Under Ground Directly Buried Fibre Optic Cable Product Specifications Attribute Value Item No GYFTY83-144B1.3 Rodent Protection FRP rod

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

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