

A comprehensive price list for direct burial of outdoor optical cables



AI Overview

Direct burial outdoor fiber optic cables typically cost between \$0.60 and \$4.40 per foot, depending on cable type, armor, installation complexity, and project length.

Price Ranges

- Standard outdoor fiber optic cable: \$0.60–\$3.50 per foot, including basic installation for mid-range outdoor runs.
- Direct burial armored fiber optic cable: Higher cost due to enhanced mechanical protection, moisture resistance, and armor structure, typically ranging from \$1.40–\$4.40 per foot for mid- to long-length runs.

Project-level examples:

- 2,000 ft outdoor run, single-mode fiber, mid-grade jacket: \$2,800–\$7,000 total (\$1.40–\$3.50 per ft)
- 5,000 ft mixed indoor/outdoor, high-performance fiber: \$12,000–\$22,000 total (\$2.40–\$4.40 per ft)

Factors Affecting Cost

- Cable Type and Fiber Grade:** Single-mode fibers and high-performance jackets cost more than multimode or standard-grade cables.
- Armor Structure:** SWA (steel wire armor) or double-armored cables increase durability and cost, especially for uneven terrain or high pulling forces.
- Jacket Material and Thickness:** Thicker or specialized jackets for UV, abrasion, or chemical resistance raise the price.
- Installation Complexity:** Trenching, rocky soil, urban environments, or deep burial increase labor and equipment costs.
- Pre-Terminated or Custom-Cut Options:** Pre-terminated cables with pulling eyes can save up to 75% in installation time but may slightly increase material cost.
- Regional Variations:** Labor, permitting, and climate conditions affect per-foot pricing; Northeast U.S. tends to be higher, Midwest moderate, Southeast variable.
- Purchasing Options**
 - Custom-cut lengths: Available from suppliers like Discount Low Voltage and FiberCables.com, allowing precise project sizing and reduced waste.
 - Pre-terminated cables: Ready-to-install options reduce labor and installation time, ideal for large-scale projects.
 - Online retailers: Amazon a...

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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!

Direct Buried Fiber Optic Cables | Corning

The most commonly-deployed outdoor cable design, with fiber counts from 12 to 288 fibers. These cables feature steel-tape armour so that they can be installed

How Much Does It Cost to Run Fiber Optic Cable per Foot? (2025)

Learn the details on fiber installation cost and the long-term benefits of this high-speed, reliable connectivity solution.

Amazon : Direct Burial Fiber Optic Cable

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

Outdoor Optical Cables for Duct, Aerial, Direct Burial,

Choose the best outdoor fiber cable for each installation environment. From aerial self-supporting ADSS cables to armored direct buried types and

Fiber Optic Cable Cost Per Foot: Price Range 2026

The main cost drivers include cable type (single-mode vs multimode), whether the run is indoors or outdoors, trenching or direct burial requirements, and labor time. The following sections

Direct Burial Cable | WireAndCableYourWay

At Wire & Cable Your Way, we offer a wide range of direct burial cable with various possible applications. Below, you'll find links to our most popular direct burial cables followed by our

Bulk Fiber Optic Cables for Indoor & Outdoor Applications

High quality fiber optic cables from Corning, AFL, OCC, Mohawk and other leading manufacturers. Aerial, ADSS, armored, distribution, direct burial and more.

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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

High-Quality Outdoor Pre-Terminated Direct Burial Armored Fiber

Outdoor Pre-Terminated Armored Fiber Introducing our fiber optic outdoor pre-terminated cable, the ultimate solution for your outdoor connectivity needs. Engineered with the highest quality singlemode

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Shop Direct Burial Fiber Optic Cable | Discount Low Voltage

Direct burial fiber optic cable is designed to withstand the demanding conditions of underground installations, delivering long-lasting performance where reliability matters most. Engineered with

Direct Buried Fiber Optic Cables | Optical

Loose tube fiber optic cables are high-density, lightweight, and durable for easy handling and installations. They contain buffer tubes with either 12 or 24 single

Direct Buried Fiber Optic Cable Price And Installation

Direct burial is the most convenient laying method for fiber optic cable and also save the duct and aerial installation costs. Direct buried fiber optic cable is widely used

Outdoor Rated/Direct Burial Fiber Optic Cables

FiberCables manufacturers and sells fiber cables and accessories. We strive to make our site the easiest and most affordable way to buy fiber optic cable.

GENERAL INFORMATION

A direct burial installation typically involves heavy machinery and places the optical cable underground in direct contact with the earth and rocks that make up the surrounding soil. All direct burial cable

Optical Fiber Direct Burial Cables

Shop for high-quality optical fiber direct burial cables. Durable, armored, and reliable for outdoor and underwater installations. Bulk orders welcome.

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Direct Buried Fiber Optic Cables | Optical

ALTOS® Lite Loose Tube The most commonly deployed outdoor cable design, with fiber counts from 12 to 432 fibers. Armored construction provides crush and

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.

Outdoor Rated/Direct Burial Fiber Optic Cables

We strive to make our site the easiest and most affordable way to buy fiber optic cable.

Statista

Find statistics, consumer survey results and industry studies from over 22,500 sources on over 60,000 topics on the internet's leading statistics database

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