

Fiber Optic Cable Pricing Catalog



AI Overview

Fiber optic cable costs range from \$0.09 to \$6 per foot for materials, with total installed project costs ranging from a few hundred to over \$14,000 depending on cable type, length, and installation complexity.

Material Costs

- Single-mode fiber (SMF): \$0.10–\$0.50 per foot for the cable itself, suitable for long-distance, high-speed links
- Multimode fiber (MMF): \$0.30–\$1.00 per foot, typically used for shorter, high-bandwidth connections
- High strand-count cables: A 12-strand cable costs around \$0.50 per foot, while a 24-strand cable can reach \$1.00 per foot
- Specialty cables: Armored or direct-burial cables range from \$0.50 to \$5 per foot, depending on environmental protection and durability
- FTTH drop cables: Simple 1-core cables cost approximately \$0.13 per foot, while large backbone cables (e.g., 288 strands) can reach \$6 per foot

Installation and Project Costs

- Indoor runs: A 1,000-foot single-mode indoor installation with minimal terminations may cost \$2,650–\$3,100, including cable, labor, permits, and accessories
- Outdoor runs: A 2,000-foot outdoor run with conduit and multiple terminations can cost \$4,940–\$6,120
- Premium installations: A 5,000-foot outdoor armored cable with multiple splices, professional testing, and extended warranty may reach \$11,000–\$14,500

Factors Affecting Price

- Cable Type and Fiber Count:** Single-mode vs multimode, number of strands, and core material (glass vs plastic) influence cost
- Installation Environment:** Indoor, aerial, underground, or harsh outdoor conditions affect labor and material requirements
- Connectorization and Termination:** Pre-terminated assemblies, patch panels, and connector types add to the cost
- Labor and Permits:** Trenching, splicing, conduit installation, and local permit fees can significantly increase total project costs
- Regional Variations:** Urban areas may have higher labor and permit costs, while rural areas may incur higher logistics expenses

Budgeting Tips

- Purchase standard connectors and pre-terminated assemblies to reduce labor costs
- Bundle labor with...

Article Content

Product Catalogue Fibre Optic Cable

Flat ribbon fibre optic patch cable with 4 to 12 fibres in flat ribbon layout. It utilizes soft aramid yarn strength members and a Low Smoke Zero Halogen (LSZH) outer jacket.

Fiber Optic Cables

Explore a variety of optical fiber cables designed for reliable data transmission. Download datasheets, compare pricing, and find a reliable distributor for fiber optic cables today at Octopart!

Cable Installation Tools | Budco Cable Tools | Fiber

Budco is a stocking distribution company for broadband tools, fiber optic tools and coax cable tools. Since 1970, Budco has provide cable construction tools, cable

Corning | Materials Science Technology and Innovation

Amazon announced a multibillion-dollar agreement with Corning Incorporated, a leading manufacturer of advanced glass and fiber optic technology, to supply the fiber

Top quality at rock bottom prices with personal service. Trust us with your fiber optic needs - you won't be disappointed.

KITCO Fiber Optics | Connectivity Delivered

KITCO Fiber Optics is a leading provider of fiber optic connectivity solutions to the military communications industry.

Online Bulk Cable Company | CableWholesale

As a premier online bulk cable company, CableWholesale carries a large inventory of computer cables, USB, HDMI, fiber optic, VGA cables, and more. Shop now!

Product Type

Cable Assemblies Deliver optimal high-speed performance with a variety of cable assemblies, including copper, fiber and hybrid options.

Global IT Products & Network Solutions Provider | Black Box

Black Box provides cutting-edge IT solutions and technology products to businesses worldwide, ensuring innovative and reliable services for global digital transformation.

Cables, Coaxial Cable, Cable Connectors, Adapters, Attenuators ...

Antennas DC Blocks Fiber Optic Cables MIL-DTL-17 High Reliability RF Coaxial Cable Assembly Series Precision RF Test Cables RF Accessories RF Adapters RF Amplifiers RF Attenuators RF Baluns RF

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Fiber Optic Cable Cost Guide 2026 - LatestCost - Real-Time Price

Main cost drivers include cable grade (indoor vs outdoor, armoured), distance, and labor for trenching, splicing, and termination. This guide presents ranges in USD and practical price

Warren and Brown

World Leading Optical Fibre Infrastructure Solutions Tailored connectivity for every environment — from FTTH and structured cabling through to data centres,

Sumitomo Electric Lightwave

Optical Fiber Solutions Ranging from inside riser rated ribbon cables to interlocking armored jacketed cables, the optical fiber cables offered by SEL are

Product Catalog

Get access to our latest fiber optic products catalogs for detailed specification and customization. We help you avoid the pitfalls to deliver the quality and value your fiber optic cable need, on-time and on

Fiber Optic Products PDF Catalogs

FOCC Your best partner For fiber optic products with 15 years of experience Wholesale with competitive price and quality in China

Product Catalog Archives

Our team will make sure the configuration is tailored to your needs and will provide a detailed quote. Email us using the Request a Quote below, or give our team a call.

FiberOptics

Fiber Optic products. We carry Fiber Optic fusion splicers, cleavers, OTDRs, cables, panels, laser sources, power meters, and many other Fiber Optic products for

Optical Communications Products

Browse our optical communication connectivity products designed to help you enable your communication networks. Easily create a bill of materials list.

Fiber optic cable Catalog

Has a desirable bending radius and high tensile strength. Features LSZH coating to prevent flame spread and the release of toxic gases after ignition. Capability of production with PVC and

Optical Fiber | Optical Fiber Products | Corning

Optical fiber broadband brings together a culture of innovation, quality, and manufacturing excellence to create life-changing products.

FibreFab-Fibre-Optic-Cable-Catalogue

The Optronics fibre optic cable range includes simplex, suplex and flat ribbon patchcords, tight buffered, single loose tube and multi-loose tube distribution cables for internal and external applications as

Contact Us

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