Price of Fiber Optic Multimode Cable



Overview

Buyers typically pay a range for fiber optic cable per foot depending on fiber type, jacket, and shielding, plus installation considerations.

Key Takeaways

Multimode fiber optic cable typically costs between $0. 30 and $1. 00 per foot for the cable itself, with installed costs ranging from $0.

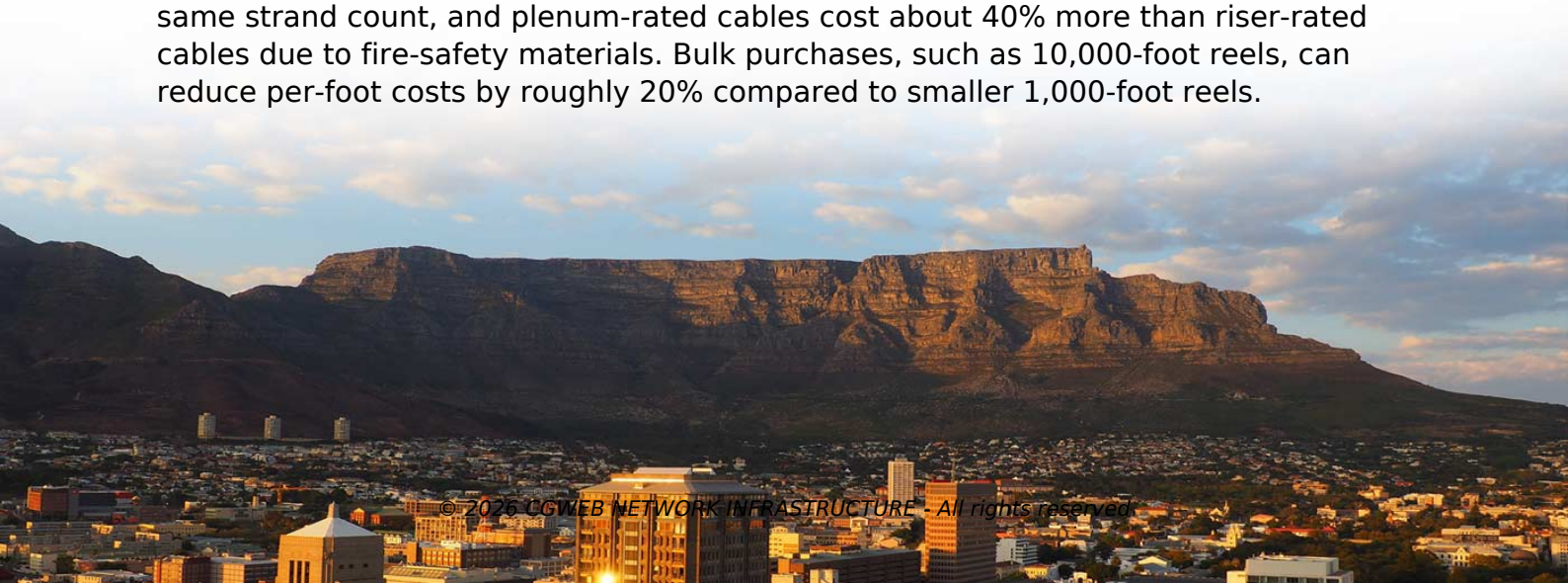
80 to $7. 00 per foot depending on installation type and cable specifications.

Cable Material Costs

The raw cost of multimode fiber optic cable varies by strand count, core type, and jacket construction. Standard pricing ranges include: Single strands: around $0. 30–$0.

50 per foot12-strand cables: approximately $0. 50 per foot24-strand cables: up to $1. 00 per footHigh-count backbone cables (e.g., 288 strands) can reach $6 per foot or more.

Multimode fiber (OM4 or OM5) is generally 25% more expensive than OM4 for the same strand count, and plenum-rated cables cost about 40% more than riser-rated cables due to fire-safety materials. Bulk purchases, such as 10,000-foot reels, can reduce per-foot costs by roughly 20% compared to smaller 1,000-foot reels.



© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Installation Costs

Installed costs depend heavily on the environment and method: Indoor plenum ceiling/riser: $0. 80–$1. 70 per footOpen trench (lawn/field): $0.

90–$1. 80 per footAerial (utility pole): $1. 20–$2.

50 per footDirectional boring (road crossing, driveway): $3. 00–$7. 00 per foot.

Labor, splicing, termination, and testing typically dominate the installed price. For example, a 2,000-foot OM4 multimode run in an office building may cost $0. 60 per foot for cable, with total project costs including labor reaching $3,000–$5,000.

Factors Affecting Price

Several factors influence multimode fiber pricing: Fiber type and strand count: More strands increase cost proportionallyCable construction: Armored or direct-burial cables cost more ($0. 50–$5 per foot)Jacket material: LSZH (low-smoke zero halogen) adds ~$0. 25 per footInstallation environment: Underground or directional boring is more expensive than indoor or aerial runsConnectorization: Pre-terminated assemblies and patch cables cost more due to factory termination.

Summary

For budgeting purposes, expect multimode fiber optic cable to cost $0. 30–$1. 00 per foot for materials, with installed costs ranging from $0.

80 to $7. 00 per foot depending on installation complexity, cable type, and strand count. Bulk purchases, indoor vs outdoor installation, and cable ratings significantly affect the final price.

Article Content

Fiber Optic Cable Price Per Foot Guide 2026

Buyers typically pay a range for fiber optic cable per foot depending on fiber type, jacket, and shielding, plus installation considerations. This guide outlines typical cost ranges and the main

Amazon : Multimode Fiber Cable

Shop durable fiber optic cables with LC, ST, and SC connectors. Perfect for SAN networks, servers, and enterprise installations.

OM4 Multimode Fiber Optic Cables for 40G/100G

Get OM4 multimode fiber optic cables 50/125 with bend insensitive fiber design that support 40G/100G cabling. 100% end-face, 3D interferometer, IL&RL tested.

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

Fiber Optic Cable Pricing Guide: Factors That Affect

This guide outlines the major factors that influence fiber optic cable costs and provides practical tips for estimating pricing in bulk or project-based

How Much Does It Cost to Run Fiber Optic Cable per

Prices can range from $1 to $50+ per linear foot depending on the method and complexity. The initial cost of installing fiber optic cables can vary

How Do Multimode Fiber Optic Cable Prices... | AIMIFIBER

This guide compares multimode cable prices across OM1–OM5 and explains what really moves the number: fiber grade, fiber count, jacket rating, and whether assemblies are factory

Fiber Optic Cable: Single & Multimode Cables By The

LANshack offers fiber optic cable by the foot, including all fiber types and the most common strand counts. Shop cables online today!

48 Cores GYTS Fiber Optic Cable Stranded Steel Tape

48 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

OFNP OM4 Tight Buffer Fiber Cable | Corning Glass | Indoor & Outdoor

OM4 Multimode 50/125 Indoor/Outdoor Plenum OFNP Distribution Fiber Optic Cable with Corning Glass This OM4 plenum distribution fiber cable is composed of 2-24 colored tight buffers, aramid yarn, and

Fiber Optic Cable

Find here Fiber Optic Cable, OFC manufacturers, suppliers & exporters in India. Get contact details & address of companies manufacturing

Single and Multimode Patch Cables

You can shop for high-quality fiber optic cables at the best prices. We also offer Free shipping on orders over and 99 and maximum discounts on bulk orders.

HES 4 Core Steel Armored Fiber Optic Cable OM2 50/125µ MultiMode |

HES 4 Core Single Tube Steel Armored Fiber Optic Cable, OM2 50/125µ MultiMode. Provides high performance and reliable data transmission.

HES 48 Core Steel Armored Fiber Optic Cable OM4 50/125µ MultiMode |

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved

OM4 MultiMode models of HES branded single and multi-tube steel armored, single-jacketed fiber optic cables provide a reliable transmission solution for critical network infrastructures such as data

MPO MTP OM3 Multimode 24F Fiber Optic Patchcord

High-performance MPO/MTP OM3 multimode 24F fiber optic patchcord for data centers & telecom. Customizable, rigorously tested, with premium ferrules for stable connectivity.

Fiber Optic Cable Speeds: Everything You Need to Know

Single mode fiber optic cables are also less susceptible to attenuation than multimode fiber optic cables. How does the speed of fiber optic

BluBoxx BB-MM-STST-DP-5-OM2 Multimode Duplex Fiber Optic

BluBoxx BB-MM-STST-DP-5-OM2 Multimode Duplex Fiber Optic Patch Cord. - Buy Duplex Fiber Optic Patch Cable at best price of ₹ 600/piece by Bluboxx Communication Private Limited. Also find

24 Core OM2 Multi-Mode Fiber Optic Cable Multi-Tube

HES 24 Core Multiple Tube Steel Armored Fiber Optic Cable, OM2 50/125µ MultiMode. Provides high performance and durability.

Amazon : Fiber Optic Cable

Fiber optic cables for fast, seamless data transfer. Multimode, single-mode, and armored options available.

Contact Us

Continue your research online:

Website: https://cgweb.co.za
Technical inquiry: https://cgweb.co.za/project-enquiry.html

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

© 2026 CGWEB NETWORK INFRASTRUCTURE - All rights reserved