What is the price of a 6-core optical fiber cable

Overview

Amazon.com: 6 Strand Fiber Optic CableShop products from small business brands sold in Amazon's store. Discover more about the small businesses partnering.

Key Takeaways

A 6-core optical fiber cable typically costs between $0. 55 and $4. 25 per foot, depending on fiber type, jacket, and installation requirements.

Material-

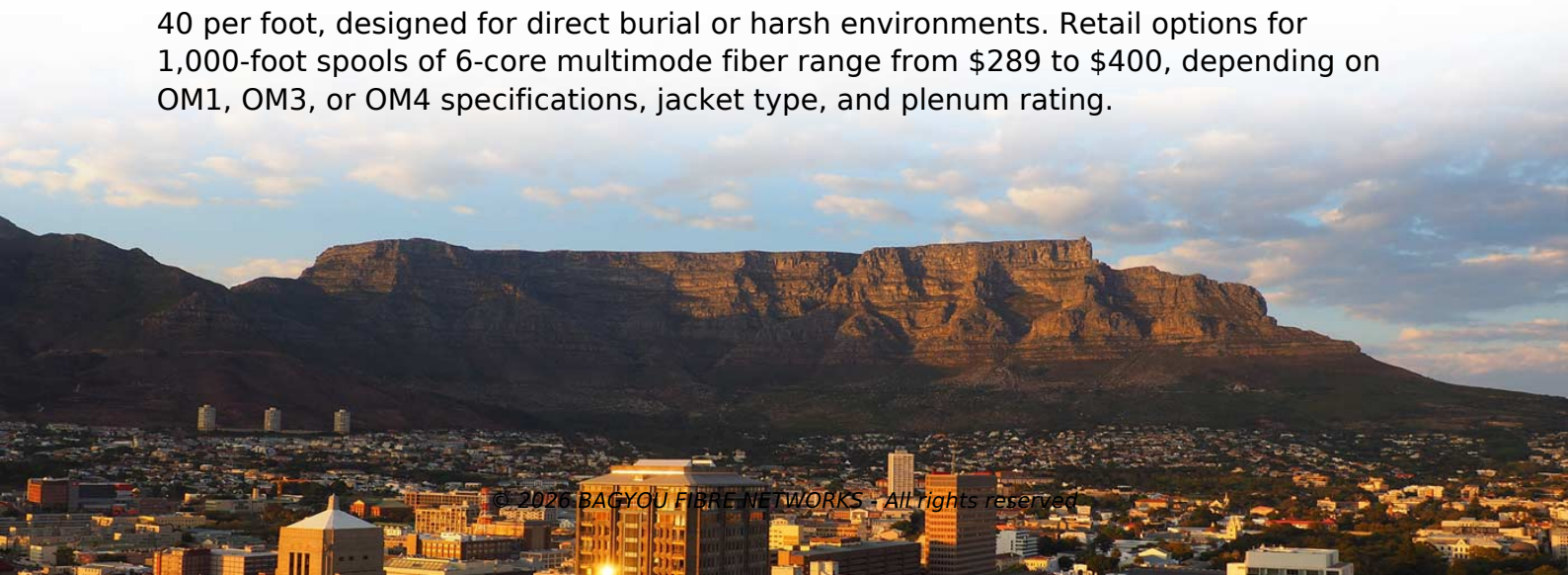
Only Pricing

Multimode OM3/OM4 (indoor/riser): $0. 55 – $1. 10 per foot for standard bulk purchases, with higher-end options reaching $4.

25 per foot for premium or pre-terminated cables. Single-mode OS2: Slightly cheaper per foot, generally $0. 30 – $0.

85 per foot for 6-core outdoor or indoor cables. Armored outdoor 6-core: $1. 10 – $2.

40 per foot, designed for direct burial or harsh environments. Retail options for 1,000-foot spools of 6-core multimode fiber range from $289 to $400, depending on OM1, OM3, or OM4 specifications, jacket type, and plenum rating.



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Installed Pricing

Indoor plenum/riser installations: $2. 30 – $4. 90 per foot, including labor, splicing, and basic testing.

Armored outdoor installations: $4. 20 – $7. 50 per foot, accounting for trenching, directional boring, and protective ducting.

Labor often dominates the total cost, especially for splicing and termination, which can add $1. 50 – $12 per foot depending on complexity.

Factors Affecting Price

Fiber Type: Single-mode is cheaper per foot but requires more expensive transceivers; multimode OM4 is higher quality for short-range high-speed networks. Jacket Material: Plenum-rated (CMP) cables cost ~40% more than riser-rated (CMR) due to fire safety requirements.

Armor/

Protection: Armored cables for outdoor or direct burial add 20–50% to the base cost. Quantity & Bulk Orders: Buying 1,000 feet or more can reduce per-foot costs by 20–40%. Customization: OEM branding, color, or pre-terminated connectors increase cost.

Practical Guidance

For indoor office or data center runs, a reasonable budget is $0. 65 – $1. 45 per foot for material, or $2.

30 – $4. 90 per foot installed. For outdoor or direct burial projects, expect $1.

10 – $2. 40 per foot for material, or $4. 20 – $7.

50 per foot installed. Always confirm fiber mode, jacket type, installation environment, and quantity before requesting a quote to avoid underestimating costs. In summary, a reasonable price for a 6-core optical fiber cable in 2026 ranges from $0.

55 to $4. 25 per foot for material, with installed costs ranging from $2. 30 to $7.

50 per foot, depending on specifications and project complexity.

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Article Content

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Fiber Optic Cables

CommScope designs and manufactures a comprehensive line of fiber optic cables—from outside plant to indoor/outdoor and fire-rated indoor fiber cables.

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6 Core Fiber Optic Cable at ₹ 7/meter

K D Enterprises - Offering 6 Core Fiber Optic Cable,OFC in Fatehpur, Rajasthan. Also get Fiber Optic Cable price list from verified companies | ID: 2859395945597

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Single Mode Fiber

Thorlabs offers these single mode fibers for operating wavelengths from 320 nm to 2200 nm. Details on the physical and optical properties of these fibers are provided in Tables G1.1, G2.1, G3.1, G4.1,

6 – 12 Cores Drop Cable FTTH Butterfly Flat Type Indoor Drop Cable

What Is 6 – 12 Cores Drop Cable FTTH Butterfly Flat Type Indoor Drop Cable ? Product introduction FTTH Indoor Drop Cable uses butterfly flat structure, whose optical fiber unit is

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Fiber Optic Cable Price Per Foot Guide 2026

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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

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