

Price of 4-core standard optical cable

Article Overview

The price of a 4-core standard optical cable typically ranges from \$0.10 to \$1.50 per foot, depending on fiber type, jacket, and installation requirements.

Typical Pricing

- o Single-mode 4-core fiber optic cables generally cost \$0.10 to \$0.50 per foot for the cable itself, with higher-end armored or outdoor-rated versions reaching \$0.50 to \$5.00 per foot .
- o Multimode 4-core cables are slightly more expensive per foot, ranging from \$0.50 to \$1.10 per foot for standard indoor applications .
- o Retail or pre-terminated assemblies can increase the price due to labor and connectorization, sometimes reaching \$1 to \$6 per foot .

Factors Affecting Price

- o Fiber Type: Single-mode (SMF) supports long-distance transmission and is generally more expensive than multimode (MMF) for short distances .
- o Cable Construction: Armored cables, steel-reinforced, or outdoor-rated cables cost more due to added materials and durability features .
- o Jacket Material: LSZH (Low Smoke Zero Halogen), PE, or PVC jackets influence cost, with LSZH often used for indoor safety compliance .
- o Length and Bulk: Prices are often quoted per meter or foot, with bulk purchases offering discounts. For example, a 1-kilometer spool is usually cheaper per meter than multiple shorter reels .
- o Installation and Accessories: Labor, splicing, connectors, and conduit requirements can add \$1 to \$6 per foot to the total project cost .

Example Price Points

- o VCELINK 4-core single-mode indoor cable: \$99.99 per unit (bulk purchase, LSZH jacket, G.657A1 fiber) shipped from the US .
- o Alibaba 4-core single-mode armored cable: \$0.10-\$2.60 per meter depending on specifications and quantity .
- o Multicoreinfotech 4-core FTTH single-mode cable: INR6,000-7,000 for 1,000 meters (~\$72-\$84 USD) for standard outdoor/indoor use .

Summary

For a standard 4-core single-mode optical cable, expect a price range of \$0.10 to \$1.50 per foot for the cable alone, with additional costs for armored construction, outdoor deployment, pre-terminated connectors, or installation. Bulk purchases and sourcing from reputable manufacturers like OWIRE, VCELINK, or HES can



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optimize cost while ensuring quality and compliance with ITU-T G.652.D standards .

4 core OM3 multimode loose tube Optical fibre cable with corrugated steel tape armour LSZH outer jacket. Buy online, Cut to order,

Explore our 4 Core Fiber Optic Cable, engineered for optimum data transmission with low attenuation, G.652D compliance, and high

Fiber optic cables are essential components in today's broadband, FTTx, and data center

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Our 4 Core FTTH Single Mode Optical Fiber Cables are designed to meet the specific needs of telecom

24 Core and 48 Core Fiber Optic Cable Fiber optic cable is a cable containing one or multiple optical fibers

Hongan optical fiber cable company has always stood on high starting point, high technology and high

GYXTW is an outdoor use optical fiber cable suitable for duct and aerial applications. We supply GYXTW fiber optic cable from 2

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Nexans 4 core fiber optic cable These specifications indicate the standard design and performance requirements for the supply of

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Discover the cost of fiber optic cable in this pricing guide. Learn material prices, installation factors, and what impacts



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1310nm:0.296dB/km. Ensure high-speed, long-distance data transmission with this 4 Core Outdoor Single

In the OM4 Multi Mode Fiber Cables category, we provide a wide range of products from 4 Core to 96 Core. Additionally, we fulfill

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