

Prices and Models of 4-Core Optical Cables



AI Overview

Four-core optical cables typically range from \$0.40 to \$1.80 per meter, depending on type, jacket, and installation environment.

Overview of 4-Core Optical Cables

A 4-core optical cable contains four individual fibers, usually two for transmitting and two for receiving data, supporting duplex communication and redundancy. These cables are available in single-mode (OS2) for long-distance transmission up to 100 km and multimode (OM3/OM4) for shorter runs within buildings or campuses. They are suitable for indoor, outdoor, armored, aerial, and direct burial applications, with variations in jacket material such as PVC or LSZH (Low Smoke Zero Halogen) affecting durability and cost.

Typical Pricing

Indoor distribution cables: Around \$0.40 per meter for basic single-mode or multimode cables.

Outdoor or armored cables: Up to \$1.80 per meter, designed for harsh environments.

100-meter reels of single-mode OS2 cable: Approximately \$60–\$90, depending on customization and order volume.

Bulk purchases: Discounts are often available for orders exceeding 1,000 meters, improving cost-efficiency for large-scale deployments.

Wholesale per foot pricing: Single-mode fiber ranges from \$0.09 to \$1.52 per foot, while multimode fiber ranges from \$0.30 to \$1.00 per foot, depending on strand count and construction.

Factors Affecting Price

Fiber Type: Single-mode cables are generally more expensive than multimode due to longer transmission capabilities.

Cable Jacket and Construction: Armored, plenum-rated, or outdoor-rated cables cost more than standard indoor PVC cables.

Length: Longer cables increase material costs, though bulk reels may reduce per-meter pricing.

Brand and Quality: Reputable manufacturers like OWIRE provide premium-grade fibers with rigorous testing, which can increase cost but ensure reliability.

Installation Environment: Direct burial or aerial installations may require...

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4 Core Optical Fiber Cable

We take pride in presenting our comprehensive range of 4 Core FTTH Single-Mode Optical Fiber Cables. These cables are crafted with precision, using top-quality

4 Core Fiber Optic Cable Price with OWIRE Solutions

In conclusion, the 4 core fiber optic cable price is influenced by a combination of technical specifications, build quality, brand value, and market

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EXFO Optical Power Expert, PX1-S, Standard power measurement range, 11 calibrated wavelengths, measure absolute power (dBm) and loss (dB), with universal 2.5mm connector adaptor PX1-S-FOAS

4 Core Fiber Optic Cable

Discover 4 core fiber optic cables for reliable fiber networking. Ideal for FTTH, outdoor use with CE/ROHS certification and G657A1/G652D fiber types.

4 Core Multimode Fiber Optic Cable Price Per Meter

Main products are optical fiber cables, data cables, communications cables etc. Its yearly productive capabilities are 4 million core kilometers, 0.5 million boxes, and

4 Core OM4 Fiber Optical Cable Multimode LSZH

This cable adapts to indoor distribution mostly, as well as outdoor but with PE tube only. This cable has characters of soft, easy to peel, to facilitate follow, circular structure, small size, lightweight.

4 Core Single Mode Fiber Optic Cable

HES branded fiber optic cables are designed with high performance and reliability, focusing especially on single mode fiber technology to meet long-distance

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DRAKA optical cable 4 core

DRAKA optical cable 4 core The incessant increase in data traffic is causing an exploding demand for transmission capacity and network infrastructure. New

4 core multimode fiber optic cable price per meter

Discover 4 core multimode fiber optic cable price per meter with OM3/OM4, LSZH jacket & CE certification for reliable outdoor connectivity.

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Fibre Optic Cable

View Eland Cables' range of singlemode and multimode fibre optic cables - loose tube and tight buffered. Technical support, fast quote, international logistics and

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Searching for how much does fiber optic cable costs? Stop guessing. We break down 2025 prices for OS2, OM3, and Armored cables directly from the Wolontek

OM4 Multi Mode Fiber Optic Cables

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

i-Net Networks 2000m 4-Core Singlemode Fiber Optic Cable, G652.D

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Loose Tube Outdoor Cable OS2, 4-Core, LC/UPC

Black multi-purpose cable with four cores, rodent protection and pulling aid on both ends.. From a length of 100 meters, the fiber optic outdoor cables will be

4-Core Optical Cables Complete Price List_NEWS_OPTICAL FIBER

When it comes to 4-core optical cables, there are several different types available on the market. These include single-mode and multi-mode cables, each with its own unique characteristics and applications.

Contact Us

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