

Price of 12-core single-mode fiber optic cable



· Fine workmanship
· High-quality chip

AI Overview

The cost of a 12-core single-mode fiber optic cable typically ranges from \$0.50 to \$7.00 per foot, depending on construction, rating, and application.

Pricing Overview

The price of a 12-core single-mode fiber optic cable varies based on several factors, including cable type, strand count, construction, and intended use.

For standard single-mode cables:

- Bulk cable costs:** Approximately \$0.50 per foot for a 12-strand single-mode cable, suitable for general indoor or outdoor installations.
- Retail or specialized cables:** Plenum-rated, armored, or pre-terminated cables can cost \$2.00 to \$7.00 per foot.
- High-end or long-distance outdoor cables:** Cables designed for harsh environments, direct burial, or long-haul transmission may reach the upper end of this range. For example, a 1000-foot spool of 12-core OS2 single-mode plenum-rated cable is available online, designed for indoor/outdoor use, with fire-retardant jackets and water-resistant construction, typically priced in the \$500–\$700 range for the full spool.

Factors Affecting Price

Cable Construction: Plenum-rated cables for air-handling spaces are more expensive than standard indoor riser-rated cables. Armored cables for outdoor or direct burial applications also increase cost.

Fiber Type: Single-mode fiber (OS1/OS2) is generally less expensive than multimode fiber per strand but is preferred for long-distance, high-speed transmission.

Strand Count: Higher strand counts increase cost proportionally. A 12-strand cable is moderately priced compared to 24- or 48-strand cables.

Pre-Termination and Connectors: Factory-terminated cables with connectors or patch panels add to the cost.

Length and Bulk Purchase: Buying in bulk (e.g., 1000-foot spools) can reduce the per-foot cost by 20–40% compared to smaller retail quantities.

Typical Applications

12-core single-mode fiber optic cables are widely used in: Telec...

Article Content

Armoured Fiber Optic Cable

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24 Core Single Mode Fiber Optic Cable Single Tube

Single Mode Design: With a core-to-core diameter of 9/125 μ , single mode fiber technology provides high bandwidth and long range. Various Core Counts:

12 core single mode fiber optic cable

Shop high-quality 12 core single mode fiber optic cables for reliable communication. Enjoy durable, efficient, and cost-effective solutions for your needs.

48 Core Fiber Optic Cable GYTY53 Outdoor Armored

48 Core Fiber Optic Cable GYTY53 Outdoor Armored Double Jacket Waterproof Gel Filled loose tube direct burial is used for direct buried underground, it suit for long

12 Core Single Mode Fiber Optic Cable

HES 12 Core Single Tube Steel Armored Fiber Optic Cable, SM 9/125 μ Single

12F, Single Mode, Armoured, Unitube

12 Core Single mode 9/125, Loose Tube jelly filled Cables, Unitube, Single Sheath - Outdoor Armored Cable - ECCS-Corrugated, complying to 9/125 ITU G.652.

The difference between the 8 -core optical cable and

Optical fiber cables are used to transmit large amounts of data over long distances. Two popular types of optical fiber cables are 8-core optical cable

Fiber Optic Cable

No. of Cores 12 Core Cable Type Outdoor Cable 12-core means there are 12 individual optical fibers inside the cable. These fibers could be

Single-Mode Optical Fiber

It can transmit higher bandwidth than multimode fiber but requires a light source with a limited spectral range. The terms single-mode optical fiber,

Single Mode Fiber Optic Cable

Fiber Optic Cable, Tight Buffer, Single-Mode, 12 Strand, TeraFlex® Reduced water peak, 900 Micron, OFNR, Riser, Indoor/Outdoor, Water-Block/Sunlight Resistant, Jacket Diameter: 0.26", Black,

Fiber Cable

Fiber optic cable. indoors, Outdoor and Almond 8core, 12, 24 and 48 Core Single Mode and Multi modes cables available. Prices varies based on model of the cables

All Kinds of Fiber Optic Patch Cords – SC, LC, FC, ST

Learn about SC, LC, FC, and ST fiber optic patch cords, their uses in FTTH, telecom, and data centers, and how to choose the right type.

12 Core Fiber Optic Cable

Discover 12 core fiber optic cables for FTTH and telecom networks. Explore durable, CE-certified fiber-optic cable options with G652D/G657A2 fibers.

12 Core Fiber Optic Cable Price Per Meter

With options for single mode G652D or multimode OM2/OM3/OM4 fibers, it

The Ultimate Fiber Optic Cable Size Reference Chart

Fiber optic size specifications— core, cladding, coating, buffer, and jacket —directly affect performance, installation, and compatibility. Single-mode

[2026 Latest] Comprehensive Guide to Selecting and Operating

[2026 Latest] Comprehensive Guide to Selecting and Operating Fusion Splicers: From Principles and Brand Models to SOP Specifications ☐☐ Quick Answer: For backbone trunk lines, choose

12 Core Fiber Optic Cable Latest Price, Manufacturers

Find here 12 Core Fiber Optic Cable manufacturers, suppliers & exporters in India. Get contact details & address of companies manufacturing

1000ft Black 12 Fiber Outdoor Singlemode Fiber Optic

This spool of indoor/outdoor rated fiber optic distribution cable intended for long distance runs at high speeds. Our black fiber optic cable is composed of 12

Go4Fiber Ltd-One Stop Fiber Optic Superstore

One-Stop Fiber Optic Superstore. Ship worldwide. Online purchase and instant check out.

GYXTW Fiber Optic Cable (Aerial and Duct) Prices

Unitube Light Armored GYXTW is an outdoor use optical fiber cable suitable for duct and aerial applications. We supply GYXTW from 2 fiber cores to 24 fiber cores.

Amazon : 12 Strand Fiber Optic Cable

FLYPROFiber- 12 Core Outdoor Armored Fiber Optic Cable 75m/246ft, OS2 LC to LC Outdoor, Industrial TPU, 12 Strands Single Mode Fiber Cable, Direct Burial, 9/125um, OD-5mm

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

Description for i-Net Networks 2000m 4-Core Singlemode Fiber Optic Cable, G652.D
9/125 Steel Armored Single Loose Tube LSZH (GYXTW) | RASLL-09-04

12 Strand Singlemode Riser Fiber Optic Cable

This cable design is available in both riser rated and plenum rated versions for deployment in any inside plant re-code application. The UV-resistant outer

12 Core Span 120M ADSS Aerial Outdoor Fiber Optic Cable

ADSS Single Jacket All-Dielectric Self-Supporting Fiber optic cable

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Contact Us

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