

RIVO MULTITRADE OPTICAL SYSTEMS

Prices for 6 Types of Optical Cables



Overview

When purchasing an optical cable, consider the materials used, connector types, and the cable's size.

Key Takeaways

Fiber optic cable prices vary by type, construction, and performance, ranging from \$0.10 to \$13.50 per foot depending on specifications.

1. Single-Mode Fiber (OS1/OS2)
Single-mode fiber is ideal for long-distance transmission. Prices typically range from \$0.10 to \$0.50 per foot for standard indoor cables, with outdoor or loose-tube OS2 cables costing slightly more. High-quality glass fiber with low attenuation can reach \$2.80 per meter for premium brands, especially for higher strand counts like 12-core to 96-core cables .

2. Multimode Fiber OM1

OM1 multimode fiber has a 62.5-micron core and supports up to 10 Gbps over 300 meters. Standard riser-rated OM1 cables cost \$2.50 to \$4.00 per foot, with armored or plenum-rated versions at the higher end .

3. Multimode Fiber OM2

OM2 fiber has a 50-micron core and supports 10 Gbps over 550 meters. Pricing is slightly higher than OM1, generally \$2.75 to \$4.25 per foot, depending on construction and indoor/outdoor rating .

4. Multimode Fiber OM3

OM3 fiber is optimized for high-speed data centers, supporting 10 Gbps up to 1000 meters and 40 Gbps up to 400 meters. Standard riser or plenum-rated OM3 cables cost \$3.28 to \$4.50 per foot, with armored or specialized versions costing more .

5. Multimode Fiber OM4

OM4 fiber offers superior performance for longer distances and higher bandwidth. Prices range from \$4.50 to \$5.50 per foot for standard ratings, and can reach \$13.50 per foot for armored or specialized applications .

6. Armored Fiber Optic Cable

Armored cables are designed for harsh environments or direct burial. Prices vary widely based on fiber type and strand count, typically \$0.50 to \$5 per foot for standard armored cables, with premium or high-strand-count versions reaching \$6.50 per meter .

Additional Cost Considerations

- **Strand Count:** Higher strand counts increase cost proportionally; for example, a 24-strand cable can cost double a 12-strand cable .
- **Construction and Rating:** Plenum-rated cables for air-handling spaces are more expensive than riser-rated indoor cables.
- **Installation:** Labor costs for installation range from \$1 to \$12 per foot, depending on complexity and routing .
- **Pre-Terminated vs. Field Splicing:** Pre-terminated cables reduce labor costs but increase upfront material costs . These prices provide a current market overview for budgeting fiber optic cable purchases and planning network installations.

Article Content

Cost of Fiber Optic Cable: Pricing Guide (2026)

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

Fiber Optic Cable Cost Guide 2026 – LatestCost – Real-Time Price

Main cost drivers include cable grade (indoor vs outdoor, armoured), distance, and labor for trenching, splicing, and

Fiber Optic Cable Types: A Complete Guide

What Are Fiber Optic cables?What Does A Fiber Optic Cable Look like?Single Mode Fiber Optic CablesMultimode Fiber Optic CablesWhich Fiber Optic Cable to BuyCable Matters produces a wide range of single mode and multi-mode fiber optic cable types, supporting a range of sizes/distances, and performance targets. If you're looking to expand a legacy fiber optic connection, or only need a very short, low-performance fiber optic cable, Cable Matters' OM1 multimode fiber optic cable is available at a low price...See more on cablematters Sponsored

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Spiral Steel Armored Plenum 6 Strand Indoor Fiber Optic Distribution Cable, OS2 9/125 Singlemode, YOFC Optical Fiber, Yellow, Spool, 1000 Foot\$395.65

Spiral Steel Armored Plenum 6 Strand Indoor Fiber Optic Distribution Cable, OS2 9/125 Singlemode, YOFC Optical Fiber, Yellow, Spool, 1000 Foot

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

How Much Does Fiber Optic Cable Cost? 2025 Factory Price Guide

Searching for how much does fiber optic cable cost? Stop guessing. We break down 2025 prices for OS2, OM3, and Armored

Bulk Fiber Optic Cables for Internet | CableWholesale

Fiber optic cables are one of the most popular types of long-distance networking cable, making them ideal for a variety of

Fiber Optic Cable Types: Comprehensive Guide

Explore the different types of fiber optic cables and understand which type suits your specific needs for speed, distance,

Amazon : Fiber Optic Cables: Electronics

Amazon Basics Toslink Digital Optical Audio Fiber Optic Cable, Multi-Channel, for Sound Bar, Audio System, Home Theatre, Game

Fiber Optic Cable Types Explained

Our comprehensive guide to types of fiber optic cables. Learn all about the differences between single mode and multimode cables,

Fiber Optic Cables: Digital Audio & Optical Cables – Best Buy

Shop Best Buy for fiber optic cables. Enhance your entertainment setup with high-quality audio and visuals with fiber connectors for

How Much Does Fiber Optic Cable Cost?

The per-foot cost of bulk fiber cable is a great way to see the price differential. The following comparison table shows

Fibre Optic Cable | Optical Fibre | Eland Cables

The applications for optical fibre range from carrying telephone calls (up to several million calls per cable) to high speed data transfer

Top 5 Best Optical Cables 2026

When purchasing an optical cable, consider the materials used, connector types, and the cable's size. Cables made

Amazon Basics Toslink Digital Optical Audio Fiber Optic Cable, Multi ...

Price About this Item Please REMOVE the end protective caps before using the cable.
IN THE BOX: 6-foot digital optical audio

Fiber Optic Cable Inventory

OmniCable's complete fiber optic inventory includes custom fiber optic cable cutting, expert kitting, and value-added technical

Fiber Optic Cables

L-com provides a wide variety of fiber optic cables in multiple configurations. We offer specialized fiber optic cable assemblies in

Types of Fibre Optic Cable: A Comprehensive Guide

Understanding the types is essential in deciding between a speedy, distant, and rugged solution. This exhaustive work

How Much Does It Cost to Run Fiber Optic Cable per Foot? (2025)

Direct burial: \$1-\$6 per linear foot (simple installations only) Prices can range from \$1 to \$50+ per linear foot

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