

Price list for 8-core optical fiber cables and finished optical fibers

Article Overview

Eight-core optical fiber cables typically range from \$0.30 to \$6 per foot depending on fiber type, construction, and supplier.

Price Overview by Fiber Type and Construction

- o Single-mode (OS2) 8-core fiber: \$0.30 to \$2.80 per meter, depending on brand and quality of glass fiber .
- o Multimode (OM3/OM4) 8-core fiber: \$1.50 to \$6.00 per foot, reflecting higher manufacturing complexity and performance standards .
- o Armored cables: \$1.15 to \$6.50 per meter, offering steel tape protection for underground or high-risk installations .
- o Indoor vs Outdoor: Indoor riser-rated cables are less expensive, while plenum-rated or outdoor self-supporting figure-8 cables (like GYTC8S) cost more due to water-blocking, crush resistance, and tensile strength features .

Supplier and Assembly Options

- o Mouser Electronics offers 8-fiber cable assemblies with pricing and datasheets available for pre-terminated solutions, which are typically 20-30% higher than raw cable but reduce installation labor costs .
- o Alibaba lists 8-core fiber optic cables suitable for aerial, duct, and outdoor use, often with CE/ROHS certification and G652D fiber, with prices varying by manufacturer and order volume .
- o ME Fiber Optic provides 8-core GYTC8S figure-8 self-supporting outdoor cables, armored with steel wire and PE sheath, designed for aerial, duct, or buried installation, offering high mechanical and environmental performance .

Bulk Purchase Considerations

- o Wholesale bulk purchases of fiber cable materials can range from \$0.09 to \$1.52 per foot, depending on strand count and jacket type .
- o Pre-terminated assemblies or patch cables incur higher costs due to factory termination and connector type, but can reduce total project costs by up to 70% by minimizing on-site splicing .
- o Volume-based discounts are often available from direct manufacturers, especially for armored or custom-structured cables .

Summary

For eight-core optical fiber cables, expect the following approximate price ranges:



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Cable Type	Price Range	Single-mode (OS2)	Multimode (OM3/OM4)
		\$0.30 - \$2.80 per meter	\$1.50 - \$6.00 per foot
Armored / Outdoor assemblies	\$1.15 - \$6.50 per meter	Bulk wholesale \$0.09 - \$1.52 per foot	Pre-terminated 20-30% higher than raw cable

These prices vary based on fiber type, cable construction, supplier, and order volume, and additional features like armored protection, water-blocking, and self-supporting figure-8 design can increase costs. For precise quotes, contacting suppliers like Mouser, Alibaba vendors, or ME Fiber Optic is recommended.

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FS provides multiple fiber optic cable types and cabling solutions proven in the demo scenario lab to ensure reliable high-speed

Buy 8-core fiber optic cable at low prices, starting from \$0.37/m. Available in large volumes. Ideal for resale, suitable for

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This kind of cable is specifically used for self supporting aerial installation. The mental strength member is made up of

High-quality SC-SC single-mode (mono-mode) Loose Tube installation outdoor cable for laying in a tube

Mouser offers inventory, pricing, & datasheets for 8 Fiber Fiber Optic Cable Assemblies.

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

Explore a variety of optical fiber cables designed for reliable data transmission. Download datasheets, compare pricing, and find a

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

Multi-mode optical fiber is a type of optical fiber mostly used for communication over short distances, such as within a building or on a

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Trader - Retailer of Fiber Optical Cable - Finolex Fiber Optical Cable, FTTH Optical Fiber Cable, Optic

OPGW Optical Ground Wire cables have become essential components in modern telecommunication and power

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

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

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