

Price of bare fiber optic cable sheath



Article Overview

The cost of bare fiber optic cable sheath typically ranges from \$0.05 to \$1.50 per meter, depending on fiber type, jacket material, and environmental rating.

Pricing Overview

The material cost of fiber optic cables varies widely based on specifications. For bare fiber or bulk cable purchases, prices generally range from \$0.09 to \$1.52 per foot (approximately \$0.30 to \$5 per meter) for wholesale quantities, while retail prices for finished cables can reach \$1 to \$6 per foot depending on fiber count and type . A simple 1-core FTTH drop cable may cost around \$0.13 per foot, whereas a high-count 288-strand backbone cable can reach \$6 per foot .

Factors Affecting Sheath Cost

- Fiber Type:
 - Single-mode (OS2) fibers are generally less expensive per meter than multimode fibers but require more specialized equipment .
 - Multimode (OM3/OM4) fibers are common in data centers and short-reach applications, often costing slightly more due to tighter tolerances .
- Jacket Material and Environmental Rating:
 - Indoor cables with PVC or LSZH jackets are cheaper but unsuitable for wet or UV-exposed environments.
 - Outdoor or direct-buried cables with PE or UV-resistant jackets are more expensive, sometimes adding 20-50% to the base cost

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With so many fiber strands contained within a cable, identifying faults fast is absolutely essential. By following these

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Bare Fiber Optical bare fiber is most commonly made of silica and it has three components. The core that is made by drawing a very

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Then, coupled with strengthening the core which used to increase the fiber optic cable strength and the outer sheath, such as

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Fiber Cable

Sunet Factory Price Singlemode Optic Fiber 0.25mm Bare G657A2 G657A1 Optical Fiber Cable \$5.20-35.50 MOQ: 100

Feb 10, 2026

Unjacketed POF

Store Home / Fiber and Cable / Unjacketed POF Unjacketed POF Bare Plastic Optical Fiber, Typically Used in Lighting Applications

Contact Us

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