

Article Overview

Silicon-coated or silicon-core optical cable tubes typically range from \$0.50 to \$3 per meter, depending on diameter, material, and supplier.

Overview

Optical cable silicon tubes are commonly HDPE ducts with a silicon-coated inner layer, designed to reduce friction and protect fiber optic cables during installation . They are widely used in telecommunication networks, underground conduits, and data center cabling. The silicon layer ensures smooth cable pulling or blowing, minimizing damage to sensitive fibers .

Price Factors

- o Tube Diameter: Common sizes include 32mm, 40mm, and 50mm. Larger diameters generally cost more per meter .
- o Material Quality: UV-stabilized HDPE with high-quality silicon coating increases durability and price .
- o Length and Packaging: Tubes sold in reels or coils may have bulk discounts. Continuous lengths reduce installation joints and can affect cost .
- o Supplier and Region: Prices vary by manufacturer and shipping location. Alibaba and Made-in-China suppliers list prices in the range of \$0.50-\$3 per meter, depending on specifications .

Additional Considerations

- o Installation Method: Tubes suitable for trenching, plowing, or directional drilling may have slightly higher costs due to enhanced specifications .
- o Customization: Some suppliers offer custom colors, wall thicknesses, or multi-layer designs, which can increase the price.
- o Bulk Orders: Purchasing in large quantities often reduces the per-meter cost. For precise pricing, it is recommended to contact suppliers directly with your required tube diameter, length, and application type to get a tailored quote .

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Silicon tube optical cable price

HDPE Pipe for Fiber Optic Communication Optical Duct Cable PE Silicon Core Tube, Find Details and

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