

Price per meter of 48-core ASS fiber optic cable



Overview

Discover premium quality 48 core fiber optical cable price per meter meter designed to enhance connectivity and performance.

Key Takeaways

A 48-core fiber optic cable typically costs between \$1 and \$6 per foot, depending on type, jacket, and installation requirements. Price Estimates

- Retail Bulk Cable: A 1000-foot drum of plenum-rated 48-strand singlemode fiber optic cable can cost several thousand dollars, with prices generally ranging from \$1,000 to \$3,000 per 1000 feet depending on manufacturer and specifications (e.g., Corning SMF-28® Ultra) .
- Per Foot Pricing: Fiber optic cables with 48 strands are commonly priced at \$1 to \$6 per foot at retail, with single-mode fiber on the lower end and multimode or armored cables on the higher end .
- Per Meter Pricing: Wholesale or bulk purchases may reduce the cost to \$0.09 to \$1.52 per foot (approximately \$0.30 to \$5 per meter), depending on strand count, jacket type, and whether the cable is plenum-rated or armored .

Factors Affecting Cost

- Fiber Type: Single-mode fiber is generally less expensive than multimode fiber but requires more costly equipment for termination and testing.



- **Cable Construction:** Plenum-rated cables, armored cables, or cables designed for outdoor or direct burial use are more expensive due to additional protective layers and compliance with fire or environmental standards .
 - **Installation Environment:** Indoor, outdoor, or mixed-use cables (indoor/outdoor) can affect pricing. Cables suitable for both environments often cost more but reduce the need for splicing or coupling different cable types .
 - **Length and Bulk Purchase:** Buying in longer lengths (e.g., 1000-foot drums) typically reduces the per-foot cost compared to shorter pre-terminated assemblies.
- Summary

For a 48-core ASS fiber optic cable, expect a retail price of roughly \$1-\$6 per foot, with bulk or wholesale purchases potentially lowering the cost to \$0.30-\$5 per meter. The final price depends on fiber type, jacket rating, armored protection, and intended installation environment. For precise pricing, it is recommended to request a quote from suppliers like CableWholesale, LanShack, or Alibaba for the specific cable specifications you need .

Article Content

48 Fiber Cable

We offer a wide range of options, from 6 fibers to 144 fibers, all the way up to 432 fibers and even 6904 fibers, which are Telecordia

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Single mode fiber optic cables, like the Monomode Optical Fiber Cable, are designed for long-distance transmission. They come in

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How Much Does Fiber Optic Cable Installation Cost?

How Much Does Fiber Optic Cable Installation Cost? The price of fiber cable depends on the number of strands, jacket

Fibre Optic Cable

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