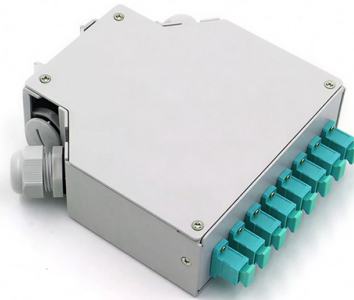


Fiber optic cable manufacturer selling at high prices



AI Overview

Premium fiber optic cable manufacturers like Corning, Prysmian, and Furukawa Electric often sell at higher prices due to advanced technology, strict quality standards, and large minimum order requirements. Why Prices Are High High prices for fiber optic cables are typically linked to several factors: Advanced Technology and R&D: Leading manufacturers such as Corning invest over \$1 billion annually in research and development, producing low-loss optical fibers and next-generation solutions like 800G Ethernet, which increases production costs and justifies higher pricing. Quality and Compliance: Premium suppliers adhere to strict standards such as IEC 60793/60794, ISO 9001, Telcordia GR-20, and RoHS compliance, ensuring durability, signal quality, and environmental safety. Sourcing Model and Minimum Order Quantities: Factory-direct manufacturers often require large minimum orders (e.g., 50,000 meters for Corning or Prysmian), which raises per-unit costs for smaller buyers. Distributors offer smaller quantities but at higher per-meter prices due to inventory handling and faster fulfillment. Specialized Applications: Single-mode fibers for long-haul networks or OM4/OM5 multimode cables for high-density data centers are more expensive due to performance requirements and precision manufacturing. Domestic Manufacturing and BEAD Compliance: Suppliers like Superior Essex, Corning, and AFL provide domestically manufactured fiber for government projects, which can increase costs due to labor and regulatory compliance. Examples of High-Priced Manufacturers Corning Inc.: Global leader with 10.4% market share, known for low-loss optical fiber and continuous innovation. Prysmian Group: Offers high-performance cables for telecom and industrial applications, often requiring large bulk orders. Furukawa Electric: Focuses on reliability and durability, serving large-scale n...

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