

Article Overview

Fiber optic cables suitable for vibration-sensitive applications are available from multiple suppliers, with prices varying by type, fiber count, and specifications.

Supplier Pricing Overview

1. Mouser Europe Mouser offers a wide range of fiber optic cables, including single-mode and multimode options. Prices are unit-based and vary depending on quantity and cable type, with datasheets available for detailed specifications. For example, tight-buffered multimode cables suitable for vibration-sensitive environments can range from EUR2 to EUR15 per meter, depending on fiber type and jacket material (LSZH, PVC) . 2. OptronicsPlus OptronicsPlus provides high-quality pigtail and tight-buffered fiber optic cables. Specifications include 900um secondary coated fibers, single-mode (G.652.D) or multimode (OM1/OM2/OM3/OM4), with LSZH jackets. Pricing is typically quoted per unit or per kilometer, and example order codes like OFC-PT-1-9-1-01 can be used to request a quote. These cables are designed for installation in patch panels, ODFs, and vibration-sensitive setups . 3. Farnell Germany Farnell supplies fiber optic cables engineered for high-speed, high-bandwidth data transmission. They offer single-mode and multimode cables with various connector types. Prices are available on request or via online quote, and the cables are suitable for telecommunications, data centers, and vibration-prone environments . 4. CRU Group CRU provides market price assessments for bare optical fiber across regional markets. While not a direct retail price list, CRU's reports give up-to-date pricing trends for fiber optic materials, which can help estimate costs for bulk purchases or specialized vibration-resistant cables .

Key Considerations for Vibration Applications

- o Cable Type: Tight-buffered or armored cables are preferred for vibration-prone environments.
- o Fiber Type: Single-mode (G.652.D) for long-distance, multimode (OM1-OM4) for shorter distances.
- o Jacket Material: LSZH or PVC for durability and environmental resistance.
- o Installation Specs: Minimum bend radius, tensile strength, and temperature range are critical for vibration-sensitive setups.

How to Obtain Prices

- o Visit supplier websites (Mouser, OptronicsPlus, Farnell) and filter by fiber type, core count, and jacket material.
- o Request quotes for bulk orders or specific configurations.
- o Use CRU Group reports for market trends and benchmark pricing if planning large-scale procurement. By combining these sources, you can obtain a comprehensive price list and specifications for vibration-resistant



Price List of Vibration Optical Cable Company

fiber optic cables suitable for your application.

Explore detailed insights into fiber optic cable pricing, including cost factors, quality considerations, and long-term value benefits for

Optical Cable manufacturers, handling companies and product information Reference price is compiled here. IPROS

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