

Price of Vibration Optical Cable in Asia



Overview

Price Of Central Asia Type Vibration Optical Cable Buyers & Importers. Sell Price Of Central Asia Type Vibration Optical Cable in bulk to verified buyers.

Key Takeaways

Vibration optical cables in Asia are available from multiple manufacturers at competitive wholesale prices, with costs varying by material, insulation, shielding, and bulk order quantities. Key Pricing Factors

The price of vibration optical cables depends on several technical and market factors:

- **Conductor and Insulation Material:** Cables use stranded or annealed tinned copper conductors with insulation options like PVC, HFFR, TPU, XLPO, or silicone. High-temperature or low-smoke zero-halogen (LSZH) insulation increases cost .
- **Shielding and Jacket:** Options include double shielding, metal braid, tape shields, and overall FR-LSH jackets. Enhanced shielding improves signal integrity but adds to price .
- **Cable Specifications:** Cross-section ranges from 0.14 mm² to 2.50 mm², with 1–4 pair configurations. Longer-distance communication cables (up to 1200 meters) are more expensive .



- Special Features: High-temperature resistance (up to 150°C), flame retardancy, and vibration resistance can increase costs .

Regional Wholesale Pricing Trends

- China: Factory-direct prices are competitive, especially for bulk orders. Premium brands like Corning or YOFC cost more but offer low attenuation and durability, while local brands are 10–15% cheaper . Price locking for 14–30 days is common to mitigate exchange rate fluctuations .

- India and Korea: Suppliers offer similar specifications with bulk discounts. Indian manufacturers focus on defense and industrial-grade cables, often providing high-temperature and vibration-resistant options .

- Bulk Orders: Ordering in large quantities significantly reduces per-meter cost. OEM customization allows specification of conductor size, insulation, and shielding to optimize price .

How to Obtain Accurate Price Lists

- Request a Quotation (RFQ): Provide detailed specifications including conductor type, insulation, shielding, length, and quantity .
- Contact Verified Wholesale Suppliers: Platforms like Go4WorldBusiness, Made-in-China, and Global Sources list verified manufacturers from China, India, and Korea .
- Consider Market Trends: Raw material prices (copper, steel, polyethylene) and exchange rates affect final pricing .
- Negotiate Bulk Discounts: Many suppliers offer reduced rates for large-scale industrial or defense projects .

Example Price Ranges

While exact prices fluctuate, typical ranges for vibration optical cables in Asia are:

- Standard industrial cables: \$1–\$5 per meter depending on insulation and shielding.
- High-temperature or LSZH cables: \$3–\$10 per meter.
- Premium OEM or defense-grade cables: \$8–\$20 per meter, especially for long-distance or specialized vibration-resistant designs . For precise pricing, it is recommended to submit a detailed RFQ to multiple verified suppliers to compare quotes and secure the best factory-direct rates.

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DVS is an optical instrument that uses optical fiber as a sensor for vibration sensing. The system uses a single optical fiber to

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