

Price of ribbon optical cable



Article Overview

The average global market price for ribbon fiber optic cables is around US\$23 per Fiber-Km, with wholesale and bulk prices varying based on fiber count, type, and supplier.

Market Overview and Pricing

As of 2024–2025, the global average price for ribbon fiber optic cables is approximately US\$23 per Fiber-Km, reflecting production costs, raw material prices, and manufacturing scale. Prices can fluctuate depending on fiber count (e.g., 12, 24, 48 fibers per ribbon), cable type (single-mode G.652.D/G.657.A1 or multimode OM3/OM4), and installation environment (indoor, outdoor, armored, or rollable ribbon designs). High-density cables for data centers or 5G backbones may command higher prices due to advanced specifications and performance requirements.

Wholesale and Bulk Pricing

For bulk procurement, factory OEM distributors often provide competitive pricing, especially for large-scale orders. For example, cost-sensitive FTTH deployments can see prices as low as \$0.10 per meter for certain multimode ribbon cables with low minimum order quantities. Premium long-haul or high-core-count cables (e.g., 144-core OS2 or 432-core armored backbones) are priced higher due to enhanced durability, crush resistance, and certification compliance. Ordering directly from verified manufacturers or OEMs can reduce costs and allow customization to project specifications.

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Ribbon Cable Ribbon Fiber Optic Cable is just what its' name says, a ribbon of optical fibers, which is formed into a flat strip. This is

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Ribbon fiber optic cable are fiber optic cable that using optical ribbon fiber. Normally each ribbon can consist of 4, 8, 12

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A Comprehensive Guide to Ribbon Cables

A ribbon cable is a type of optical fiber cable design consisting of multiple fibers that are fused together into a flat ribbon.

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FS provides multiple fiber optic cable types and cabling solutions proven in the demo scenario lab to ensure reliable high-speed

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Ribbon Fiber Optic Cable and Splicing: Key Points and

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Our premise cables have been successfully incorporated in all applications from Central Office and LAN/WAN, to CATV hub sites,

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Contact Us

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