



Nordic Standard Optical Cable Price Inquiry

Article Overview

Nordic standard optical cables typically range from \$0.09 to \$6.00 per foot depending on type, core count, and jacket material.

Price Overview

For single-mode (OS2) cables, prices generally range from \$0.09 to \$1.52 per foot, while multimode (OM3/OM4) cables can cost between \$1.50 and \$6.00 per foot. These prices are influenced by factors such as armor, jacket type (e.g., LSZH for fire safety), and raw material costs. Bulk orders or master reels for large projects can reduce per-unit costs significantly.

Factors Affecting Pricing

- o Cable Type and Core Count: Higher core counts (e.g., 144-core vs. 12-core) increase material and manufacturing costs.
- o Jacket Material: LSZH jackets, commonly required in Nordic installations for safety, are 25-40% more expensive than standard PVC.
- o Quality of Glass: Premium fibers reduce signal loss and micro-bends, which can justify higher upfront costs.
- o Labor and Installation: Skilled fusion splicing labor can account for 60-80% of total project costs, making pre-terminated cables a cost-saving option.

Nordic Market Considerations

- o Regulatory Standards: Cables must comply with NEK series and NKOM standards for indoor, outdoor, or challenging environments like undersea or concrete ducts.
- o Supplier Options: Navigator Nordic and Norsk Fiberoptikk provide local distribution and support, including lifetime warranties and compliance with Nordic installation standards.
- o Availability: Certain high-specification cables may experience shortages in Norway, so early procurement is recommended.

Purchasing Tips

- o Verify that the supplier provides current ITU-T (e.g., G.652.D) or UL certifications.
- o Consider pre-terminated cables to reduce field labor costs.
- o For large-scale ISP or data center projects, request direct factory or master reel pricing to avoid distributor markups. By considering these factors, you can budget accurately for Nordic standard optical cables while



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ensuring compliance with local standards and long-term performance.

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[This guide outlines typical cost ranges and the main drivers behind pricing to help formulate a budget and estimate](#)

[Fiber optic cables are classified based upon their performance characteristics. The "OM" designation stands for "Optical Multimode"](#)

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Buyers typically pay a range for fiber optic cable per foot depending on fiber type, jacket, and shielding, plus

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