Nepal Outdoor Optical Cable Price



Overview

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Key Takeaways

Outdoor optical fiber cables in Nepal range from approximately NPR 2,500 to NPR 15,000 per 100 meters, depending on type, core count, and industrial-grade specifications.

Price Overview

Retail and consumer-grade cables: Standard 100-meter fiber optic cables suitable for general outdoor use are available on platforms like Daraz and ITShop Nepal, with prices starting around NPR 2,500–5,000 for basic multimode or single-mode cables. Industrial and armored cables: High-performance outdoor cables, such as 4-core OM3 multimode armored TPU cables with direct burial capability, are priced around NPR 12,000–15,000 per 100 meters. These are designed for harsh environments, including roads, snowfields, and industrial sites, supporting 10Gbps network speeds.

Factors Affecting Price

Cable Type: Single-mode (SM) cables are generally more expensive than multimode (MM) due to longer transmission capabilities. Armored or direct-burial cables cost more than standard outdoor cables. Core Count: More fiber cores increase the price.

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Common outdoor cables range from 2 to 12 cores. Material and Durability: Industrial-grade TPU or armored jackets provide protection against moisture, physical damage, and extreme weather, adding to cost. Import Duties and Taxes: Nepal imposes 15% customs duty, 13% VAT, and 5% infrastructure development fee on imported fiber cables.

Telecommunications projects may qualify for partial duty rebates. Length and Minimum Order Quantity (MOQ): Bulk orders (2,000–10,000 meters) often reduce per-meter cost due to economies of scale.

Recommended Suppliers

Daraz Nepal: Offers a wide range of 100-meter fiber optic cables for general outdoor use.

IT

Shop Nepal: Provides both cables and accessories with competitive pricing. Cable Tech Nepal: Specializes in industrial-grade and outdoor fiber cables suitable for large-scale projects. Ubuy Nepal: Stocks armored, direct-burial cables for high-performance industrial applications.

Practical Advice

For residential or small-scale outdoor installations, standard 100-meter multimode cables are sufficient and cost-effective. For industrial, commercial, or harsh-environment deployments, armored or direct-burial cables are recommended despite higher costs, ensuring durability and low signal loss. Always consider total cost of ownership, including installation, maintenance, and environmental resilience, rather than just the initial purchase price.

By comparing suppliers and specifications, you can select the most suitable outdoor optical cable for your project while optimizing cost and performance.

Article Content

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Nepal - Shop for Best Online at Daraz .np Wide Variety of fiber optical cable 100m. Great Prices, Even Better Service.

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Fiber Cable Price in Nepal: A Comprehensive Guide to ...

The blog discusses the fiber cable price in Nepal, focusing on the SC/APC-SC/UPC Fiber Patch Cord. It highlights its competitive pricing, reliable performance, and suitability for residential and commercial

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