

Price quote for non-metallic optical cable



AI Overview

The unit price of non-metallic optical cables typically ranges from \$0.50 to \$5 per meter, depending on fiber count, type, and specifications.

Price Overview

Non-metallic optical cables, such as ADSS (All-Dielectric Self-Supporting) cables and single loose tube cables, are designed for high-speed data transmission without conductive metal elements, making them suitable for overhead power lines and areas with high electromagnetic interference. Prices vary based on fiber count, tensile strength, insulation, and environmental resistance.

24-core ADSS aerial non-metallic optical fiber cable: Prices on platforms like Made-in-China indicate a range of approximately \$1.50–\$3 per meter, depending on supplier and order volume.

Single loose tube cables (2–24 fibers): These cables with LSZH jackets and e-glass strength members typically cost \$0.50–\$2 per meter, with higher prices for UV-resistant or specialized single-mode fibers.

Wholesale bulk options: On Alibaba, bulk non-metallic optical cables can be purchased at competitive rates, often \$0.80–\$4 per meter, depending on fiber type, length, and customization.

Factors Affecting Price

Fiber Count: Higher fiber counts increase material and manufacturing costs.

Cable Type: ADSS cables are self-supporting and may cost more than standard duct cables due to tensile strength requirements.

Environmental Resistance: UV resistance, rodent protection, and dielectric properties can raise the unit price.

Regional Market: Asia-Pacific dominates production, often offering lower prices due to large-scale manufacturing, while North America and Europe may have higher costs due to logistics and compliance standards.

Order Volume: Bulk purchases reduce per-meter cost, while small orders or custom specifications increase it.

Market Context

The global market for non-metallic armored optical cables is growing, with a projected CAGR of 8.7% through 2030, driven by 5G infrastructure, smart city deployments, and industrial automation. This growth influences pricing trends, with technological advancements in aramid yarn r...

Article Content

Global Non-metallic Optical Cable Market 2026 Non-metallic Optical ...

The Non-metallic Optical Cable Market was valued at USD 4.84 Billion in 2025 and is projected to reach USD 7.90 Billion by 2032, growing at a CAGR of 7.2%.

24 Cores ADSS Fiber Optic Cable Price & Datasheet

ADSS cable is a type of fiber optic cable that is strong enough to support itself between structures without containing conductive metal elements. Both single mode and multimode fibers can be

"Fibre Optical Cable Price"

The Fibre Optical Cable Price is a top choice in our Optical Fiber collection. Offering OEM custom optical fiber manufacturing lets you specify details and order in bulk, which can drive cheap optical

Global Non-metallic Optical Cable Supply, Demand and Key

The global Non-metallic Optical Cable market size is expected to reach \$ million by 2030, rising at a market growth of %CAGR during the forecast period (2024-2030). This report

Wire & Cable Prices

CRU provides comprehensive, accurate and up-to-date price assessments and research reports for bare optical fibre across various key regional markets, combined with insights into the

GYFTY63 Outdoor Non-Metallic Anti-Rodent Fiber Optic Cable

GYFTY63 Single Jacket Non-Metallic optical fiber cable are designed to provide high fiber counts with the flexibility and versatility required for today's most demanding installations, including duct and

Non-metallic Optical Cable Consumer Trends: Insights and Forecasts

Discover the booming non-metallic optical cable market! This comprehensive analysis reveals key trends, growth drivers, and leading companies shaping the future of high-speed communication.

6 Core Optical Fiber cable

Buy 6F Fiber Metallic Armored OFC cable at best price (Optical Fiber Cable) for high-speed, long-distance communication with extra protection. Perfect for

Non-metallic optical cable

Find wholesale non-metallic optical cable, data communication cable, and much more at Alibaba. Buy communication cables for your network from international suppliers.

Non-metallic Optical Cable Market (2024-2034)

The Non-metallic Optical Cable Market size is expected to reach USD 25.0 billion in 2024 growing at a CAGR of 7.5. The Non-metallic Optical Cable Market report classifies market by segmentation,

Wholesale fiber optic cable price and 4 way to save cost

Wholesale Fiber optic cable price can be vary from \$0.3 to \$4 per meter. It depends on the cable application and specification. Get a quick quote today.

Comprehensive Guide to Fiber Optic Cable Pricing: Cost Analysis and ...

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

Non-metallic optical fiber cable price

Find wholesale non-metallic optical fiber cable price, data communication cable, and much more at Alibaba . Buy communication cables for your network from international suppliers.

Fiber Optic Cable Cost Guide 2026 - LatestCost - Real-Time Price

Buyers typically pay for fiber optic cable by length, fiber type, and installation complexity. Main cost drivers include cable grade (indoor vs outdoor, armoured), distance, and labor for

Optical Cable Pricing: Comprehensive Guide to Cost-Effective Fiber ...

Explore competitive optical cable pricing options, featuring detailed cost analysis, performance benefits, and long-term value propositions for modern networking infrastructure.

Draka FireTuf OFC-LT-NM Fire Resistant Fibre Optic Cable Non

This FireTuf fire resistant fibre optic range is fully compliant with fire resistant standards and flame retardant standards, guaranteeing the cables circuit integrity and performance in the event of a fire.

Non-metallic Optical Cable Trends and Opportunities for Growth

Discover the booming non-metallic optical cable market! Explore key trends, drivers, restraints, and leading companies shaping this high-growth sector projected for significant expansion through 2033.

Non Metallic Armored Optic Cable: Durable & Customizable

The global market for non metallic armored optic cables is experiencing robust growth, driven by increasing demand for high-speed data transmission and resilient network infrastructure.

Indoor/Outdoor Non-Metallic Fiber Optic Cable

Indoor/Outdoor Non-Metallic Fiber Optic Cable The fiber, either single-mode or multimode type, are positioned in a loose tube made of a high modulus plastic.

Non Metallic Armored Fiber Optic Cables | ETK Kablo

Choose ETK Kablo's Non-Metallic Armored Fiber Optic Cables for a lightweight, corrosion-proof, and electrically safe solution designed for high-voltage, industrial, and outdoor applications.

Contact Us

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