Optical Cable Industry Exports



Overview

Volza''s Global Optical Fiber Cable Export Data covers shipments from 203 verified countries, updated daily for maximum accuracy.

Key Takeaways

Global optical fiber cable exports reached over $9. 28 billion in 2024, with China, Mexico, and the United States as the leading exporters.

Global Export Overview

In 2024, the worldwide trade of optical fibers and cables totaled $9. 28 billion, showing a slight decline of 0. 13% from 2023, when exports were $9.

3 billion. Over the past five years, the sector has grown at an annualized rate of 4. 12%, reflecting steady demand for high-speed data transmission infrastructure in telecommunications and IT networks.

Shipment data from 2024–2025 indicates 169,144 fiber optical cable shipments globally, handled by over 15,600 verified exporters.

Leading Exporting Countries

The top exporters of optical fiber cables in 2024 were: China: $2. 52 billion, also ranking among the largest shipment volumes with 123,742 shipments Mexico: $1. 65 billionUnited States: $1.

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21 billion Other significant exporters by shipment volume include Vietnam (157,080 shipments) and Ukraine (76,616 shipments), highlighting the global distribution of manufacturing capabilities. These countries dominate due to their established production infrastructure, cost advantages, and technological expertise in fiber optic manufacturing.

Major Importers

The largest importers of optical fiber cables in 2024 were: United States: $2. 42 billionMexico: $589 millionUnited Kingdom: $457 million Other notable importers include Ukraine and Hong Kong, reflecting the global demand for high-speed connectivity and network expansion.

Industry Trends and Market Drivers

The optical cable industry is driven by increasing demand for high-speed internet, data centers, and telecommunications networks. Key trends include: Deployment of single-mode and multi-mode fibers for long-distance and local networksMiniaturization and higher fiber counts in cables for space-efficient installationsRuggedized designs for challenging environments and specialized optical characteristics for high-performance applications The global optical fiber cable market is projected to grow from $5. 9 billion in 2022 to $14.

8 billion by 2030, at a CAGR of 12. 2%, reflecting the ongoing expansion of broadband infrastructure and digital services.

Challenges and Considerations

Manufacturers face challenges such as: Tariff impacts on raw materials and manufacturing equipment, with estimated costs reaching $240 million in the U. S. sector Balancing precision manufacturing, optical engineering, and material science expertiseMeeting increasingly stringent performance and reliability standards for telecom and data applicationsConclusionThe optical cable export industry is a strategically important and growing sector, with China, Mexico, and the U. S. leading in export value.

Global demand is fueled by the expansion of high-speed networks, data centers, and specialized communication applications, while manufacturers navigate challenges related to tariffs, material costs, and technological precision.

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Optical fibre cables | Imports and Exports | 2023

In 2023, the world exports of "Optical fibre cables" exceeded $9.17 billion (according to external trade statistics of 117 countries). It was $10.7 billion in the previous year (according to

Fiber Optical Cable Import Data with Global Buyers & Shipment Records

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Fiber Optic Cable Industry Statistics | Verified 2026 Data

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Drawing on CRU''s November Optical Fibre & Cable Market Outlook, this article highlights ten key industry shifts that shaped 2025 and will set the tone for 2026.

Fiber Optic Cable Market Size, Forecast Report [2026-2035]

The Fiber Optic Cable Market Report highlights growing deployment of 5G backhaul, FTTH networks, and hyperscale data centers, with billions of fiber kilometers installed across global

Global Wire and Cable Industry Review 2025 and Market Outlook 2026

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Analysis of the global wire and cable market in 2025 with a 2026 outlook, focusing on export markets, investment trends, key regions, and growth drivers.

Fiber Optic Cable Market Size, Forecasts Report 2026-2035

The fiber optic cable market was estimated at USD 14.6 billion in 2025 and is expected to grow at a CAGR of 9.5% between 2026 and 2035, driven by expansion of 5g network infrastructure.

Angola''s Optical Fiber Cables Market Report 2026

This report provides a comprehensive view of the optical fiber cables industry in Angola, tracking demand, supply, and trade flows across the national value chain.

Ethiopia''s Optical Fiber Cables Market Report 2026

In value terms, Djibouti remains the key foreign market for optical fiber cables exports from Ethiopia, comprising 73% of total exports. The second position in the ranking was taken by

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Global Fiber Optic Cable Market Analysis | OPELINK

The fiber optic cable industry is witnessing a structural transformation from a cyclical commodity market to a technology-driven growth sector, with premium fibers commanding 20-30%

Fiber-Optic Cable Manufacturing in the US Industry Analysis, 2025

Expert industry market research on the Fiber-Optic Cable Manufacturing in the US (2015-2030). Make better business decisions, faster with IBISWorld''s industry market research reports, statistics,

Fiber Optic Cables for the Last Mile Market 2025-2030: Industry Sees ...

The Fiber Optic Cables for Last Mile Market grew from USD 5.62 billion in 2024 to USD 6.15 billion in 2025. It is expected to continue growing at a CAGR of 9.85%, reaching USD 9.89

AI Surge Fuels Optical Fibre Demand; Industry Eyes Europe As Next

India''s optical fibre industry believes that artificial intelligence is emerging as one of the biggest long-term demand drivers. With data centres being built rapidly across the world to support

Wires and Cables Market Size, Segmentation & Forecast 2031

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Wire and Cable Market size was USD 245.44 billion in 2026 and is projected to reach USD 315.78 billion by 2031, driven by fiber optics, EVs, and grid expansion.

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