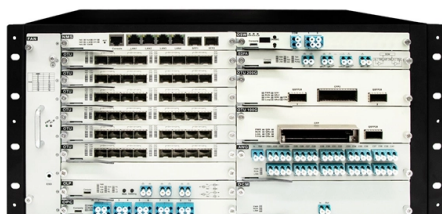


Large sales volume of optical cables



Overview

Fiber Optic Cables Market 2025 This market research report provides a comprehensive analysis of the Fiber Optic Cables Market, covering the forecast period.

Key Takeaways

The global fiber optic cable market is experiencing substantial sales growth, driven by high demand for high-speed internet, 5G infrastructure, and cloud computing, with market size projected to exceed USD 23 billion by 2031. Market Size and Growth

The fiber optic cable market was valued at approximately USD 14.6 billion in 2025 and is expected to grow to USD 15.7 billion in 2026, reaching USD 23.8 billion by 2031, at a compound annual growth rate (CAGR) of around 9.5% during this period (Global Market Insights). Other estimates place the 2025 market at USD 12.82-14.22 billion, with similar growth trends through 2031 (Mordor Intelligence). The market is expanding steadily due to the rapid deployment of 5G networks, fiber-to-the-home (FTTH) initiatives, and the growth of hyperscale data centers.

Key Drivers of High Sales Volume

- **Rising Data Consumption:** The surge in video streaming, cloud computing, and IoT applications is increasing demand for high-bandwidth, low-latency connections.
- **Telecommunications Infrastructure Expansion:** Investments in 5G backhaul, rural broadband, and smart city projects are driving large-scale fiber optic deployments.
- **Government Initiatives:** National broadband plans and digital transformation programs are accelerating network rollouts globally.

- Industrial and Enterprise Adoption: Fiber optics are increasingly used in industrial automation, smart grids, and private data networks, further boosting sales .

Regional Insights

- Asia-Pacific dominates the market, accounting for over 60% of global sales, followed by North America with around 16% .

- Growth in developing regions is fueled by urbanization, digital infrastructure investments, and expanding internet penetration .

Product Segments

- Single-mode fiber is the largest segment, representing over 97% of fiber optic cable sales, due to its long-distance transmission capabilities .
- Multi-mode fiber is used for shorter distances, such as enterprise networks and data centers .
- Armored and ribbon cables are gaining traction for durability and high-capacity applications .

Leading Players

The market is concentrated among a few major manufacturers:

- Corning Incorporated (over 21.5% market share in 2025)
- Prysmian Group
- Yangtze Optical Fiber and Cable (YOFC)
- Hengtong Group
- Sumitomo Electric Industries These top five companies collectively held nearly 46-50% of the market in 2025 .

Applications Driving Sales

- Telecom & Broadband: Largest application segment, supporting high-speed internet and 5G networks .
- FTTx and Long-Distance Communication: Key drivers for single-mode fiber adoption .
- Industrial Automation and Smart Infrastructure: Expanding use in energy, transport, and smart city projects .

Conclusion

The large sales volume of optical cables is primarily fueled by the global demand for high-speed connectivity, 5G network expansion, cloud computing, and government-backed digital infrastructure projects. With single-mode fiber dominating the market and Asia-Pacific leading in adoption, the fiber optic cable industry is poised for continued robust growth, with sales projected to exceed USD 23 billion by 2031 .

Article Content

Fiber Optic Cables Market 2025

This market research report provides a comprehensive analysis of the Fiber Optic Cables Market, covering the forecast period

Fiber Optic Cables Industry Research Report 2024

The Fiber Optic Cables market size, estimations, and forecasts are provided in terms of sales volume (M Fiber-Km) and revenue (\$

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

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The global fiber optic cable market size was valued at USD 13.84 billion in 2025 and is anticipated to reach USD 15.26 billion in 2026

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The implementation of optical fiber cables in data centers has enabled market players to expand their core business

U.S. Fiber-Optic Cable Market Size, and Growth Report, 2032

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27. Yangtze Optical Fiber and Cable Joint Stock Limited Company Yangtze Optical Fiber and Cable JSC is a global leader in optical

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The global Optical Fiber Cable market size was estimated at USD 5,896.39 Million in 2022 and is estimated to grow at a CAGR of

Fiber Optics Market Size, Share & Trends | Industry Report 2035

Fiber Optics Market Drivers The generative artificial intelligence infrastructure build-out is the most acute near-term

Top 20 Companies in Fiber Optics Market Outlook, Demand Report 2035

In addition to technology-driven goods and services, the company manufactures copper cables, optical fiber, optical cables, optical

Fiber Optic Cable

Demand for fiber optic cable is forecast to increase 3.0% per year to \$3.6 billion in 2025. Sales will be supported by: 5G to Sustain

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

The Fiber Optic Cable Market is projected to reach USD 11.11 billion by 2035, up from USD 5.54 billion in 2026,

Fiber Optical Cable Market Share and Forecast Report 2026-2030

Fiber Optical Cable market size was valued at \$89.16 billion in 2026, projected to reach \$115.79 billion by 2030 at a 6.8% CAGR.

Fiber Optic Cable Market Size, Share, Industry Outlook 2026

Fiber Optic Cable Market size was valued at US\$ 15.5 billion in 2025 and is expected to reach US\$ 32.7 billion by 2032, growing at a

Active Optical Cable Market Size and Growth Forecast, 2023-2031

The global active optical cable market is estimated to expand at a CAGR of 7.7% from 2023 to 2031, reaching US\$ 14.2 billion by the

Fiber Optics Market Size to Hit Around USD 20.86 Bn by 2035

The global fiber optics market size is recorded USD 10.74 billion in 2025 and is projected to hit around USD 20.86

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