

Global Ranking of Optical Cables and Fibers



Overview

Discover the best fiber optic manufacturers globally, offering cutting-edge multimode and single mode fiber solutions.

Key Takeaways

The top global fiber optic cable and optical fiber manufacturers in 2025–2026 include Prysmian, Corning, Sumitomo Electric, Furukawa Electric, Hengtong, YOFC, LS Cable & System, CommScope, Sterlite Technologies, and CommMesh. Leading Manufacturers and Key Highlights

- Prysmian Group (Italy) – The world's largest fiber optic cable manufacturer with a 15% global market share. Known for submarine cables, fire-resistant fibers, and 5G network infrastructure. Operates in over 50 countries with 108 manufacturing plants, emphasizing sustainability through recycled materials and low-emission production .
- Corning Incorporated (USA) – Pioneer in low-loss optical fibers, holding approximately 10.4% of the global market. Specializes in bend-insensitive fibers, high-purity glass, and 400 Gbps channel support. Corning invests over \$1 billion annually in R&D and supplies major telecoms for FTTx and data centers .
- Sumitomo Electric Industries (Japan) – Renowned for high-quality optical fibers and cables, supporting long-haul and metro networks. Focuses on innovation in low-attenuation fibers and advanced photonic components .



- Furukawa Electric / OFS Optics (Japan/USA) – Offers a wide range of optical fibers and cables, including submarine and armored solutions. Known for high-performance fibers for data centers and telecom networks .
- Hengtong Optic-Electric (China) – Major player in Asia-Pacific, producing single-mode and multimode fibers for FTTH and long-haul networks. Focuses on cost-effective solutions and global exports .
- Yangtze Optical Fibre and Cable (YOFC, China) – Specializes in ultra-long-haul fibers (G.654.E) and submarine cables with low attenuation (0.16 dB/km). Supplies over 80 countries and partners with Huawei for FTTH and cloud infrastructure projects .
- LS Cable & System (South Korea) – Expert in hybrid power-fiber cables, offshore wind farm solutions, and low-latency fibers for 5G. Operates in 50+ countries with armored and high-speed fiber solutions .
- CommScope (USA) – Provides a broad portfolio of optical cables and connectivity solutions for telecom, data centers, and enterprise networks .
- Sterlite Technologies (India) – Focuses on high-capacity fiber networks, submarine cables, and FTTH deployments, with strong presence in emerging markets .
- CommMesh (Global) – Emerging manufacturer offering cost-effective, high-performance fiber optic solutions for data centers and telecom networks .

Market Trends and Insights

- The global fiber optic market is valued at approximately \$13.92 billion, growing at over 10% annually, driven by FTTH expansions, cloud infrastructure, and 5G deployments .
- Innovation is a key differentiator, with companies developing bend-insensitive fibers, low-attenuation solutions, and high-speed 400G+ channels.
- Sustainability is increasingly important, with manufacturers using recycled materials and reducing emissions by up to 20% in production .
- Submarine and long-haul networks remain a strategic focus for global connectivity, with Prysmian, YOFC, and Furukawa leading in this segment. These rankings reflect a combination of market share, technological innovation, global reach, and sustainability efforts, providing a comprehensive view of the top players shaping the optical fiber and cable industry worldwide.

Article Content

Top 20 Fiber Optic Cable Manufacturers in the World (2025)

This list incorporates leading players, including Dekam-Fiber, Corning, Prysmian, and CommMesh, which stand out

The World's Top 20 Fiber Optic Cable Manufacturers

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Top 15 Fiber Optic Manufacturers (2026 Global Ranking)

An authoritative 2026 guide to the top 15 fiber optic manufacturers — from Corning and Prysmian to Fujikura and LS Cable — with

2025 Top 10 Best Fiber Optic Cable Manufacturers In The World

This ranking of the top 10 fiber optic cable manufacturers in 2025 is based on factors like market share, technological

Top 10 Largest Fiber Optic Companies in the World Ranked by

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The Top 10 Competitiveness Enterprises in the Optical

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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

15 Largest Fiber Optic Companies in the World

In this article, we are going to list the 15 largest fiber optic companies in the world. Click to skip ahead and jump to the

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As global digital infrastructure undergoes revolutionary upgrades, these top optical fiber manufacturers are building

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[Fiber Optic Cables Market Size, Share, Trends & Insights](#)

The fiber optic cables market continues to experience substantial growth owing to accelerating digital transformation

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[Top 10 Largest Fiber Optic Companies in the World](#)

Which factors determine the ranking of the largest fiber optic companies in the world? The ranking is

[The World's Top 20 Fiber Optic Cable Manufacturers](#)

Reason for Top 20 Ranking: As the world's largest fiber optic cable manufacturer, Prysmian's

[20 Largest Fiber Optic Cable Companies in the World](#)

This updated list ranks the 20 largest fiber-optic cable companies worldwide and Learn more from AIMIFIBER — fiber optic

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The fiber optic market encompasses various types of cables, including single-mode and multimode fibers, each catering to distinct

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