

Article Overview

Leading U.S. optical cable manufacturers include Corning, OFS, and Superior Essex, recognized for high-performance fiber solutions and domestic production.

Top Domestic Optical Cable Companies

- o Corning Incorporated - Headquartered in Corning, NY, Corning is the industry benchmark, pioneering low-loss optical fiber since 1970. They offer SMF-28(R) Contour(TM) Fiber for hyperscale data centers and CPO FlexConnect(TM) Fiber for AI and high-density applications, serving Tier-1 carriers and government projects with strict "Made in USA" compliance .
- o OFS Optics - A Furukawa Electric subsidiary, OFS specializes in advanced fiber-optic technologies for telecommunications, medical imaging, and defense. Their U.S.-based manufacturing supports domestic supply chains and high-performance data center deployments .
- o Superior Essex - Based in Atlanta, GA, Superior Essex focuses on sustainable manufacturing with Zero Waste to Landfill certification. Their EnduraSpan ADSS cables are widely used in rural broadband and enterprise networks .
- o Finisar Corporation (II-VI/Coherent) - Now part of Coherent, Finisar provides high-speed fiber optic cables for data centers and telecommunications, supporting 400G and emerging 800G transmission rates .
- o Remee Wire & Cable - Known for customized fiber optic solutions, Remee Wire & Cable serves U.S. markets with agile manufacturing for specialized connectivity needs .
- o TS Cables - Offers reliable fiber optic solutions for both small installations and large-scale systems, emphasizing practical designs and consistent quality across U.S. networks .
- o General Cable (now part of Prysmian Group) - Produces fiber optic, copper, and aluminum cables for telecommunications and industrial applications, with a strong domestic presence .
- o Southwire - A major North American manufacturer providing fiber optic and electrical cables, with a focus on renewable energy and industrial applications .
- o Furukawa Electric Co., Ltd. - While headquartered in Japan, Furukawa maintains U.S. operations and produces high-quality optical fibers for enterprise and industrial networks .
- o Sumitomo Electric Industries - Offers ultra-low-loss fibers and advanced connectivity solutions, with U.S. distribution supporting long-haul and specialized industrial applications .

Key Considerations

- o Domestic Manufacturing: Companies like Corning, OFS, and Superior Essex ensure compliance with U.S. government standards and support local supply chains.
- o Specialized Applications: Some companies focus on high-density data centers, AI infrastructure, or rural broadband expansion.
- o Innovation & Sustainability: Many top U.S. manufacturers invest heavily in R&D and sustainable



Leading domestic optical cable companies

production practices, ensuring future-ready networks. These companies collectively provide a robust selection of fiber optic solutions for telecommunications, enterprise networks, data centers, and government projects, making them the top domestic choices for optical cable procurement .

Want to Find More Optical Communication Systems Companies? If you want to find more companies that provide optical

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

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

Countries Using OCC Cable and Connectivity A Tactical History In the early 80s, when the U.S. Military

As we examine the Top 10 Optical Fiber Companies, we'll explore the pioneers who are shaping next-generation

A list of the top fiber optic cable suppliers and manufacturers in the USA and Canada, including the top fiber optic cable

Deutsche Telekom, Europe's largest telecoms provider, is a leading global fibre network

Fiber optic cables have revolutionized the way data is transmitted, providing high-speed and reliable connectivity

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

Fiber optic cables have revolutionized communication, enabling faster and more reliable data transmission. Today,

Discover the top 10 global cable companies driving innovation in the cable industry. Learn about their advanced

Here we profile the Top 10 Optical Fiber Companies - innovators shaping the future of telecommunications, data

Based on 2025 rankings from industry sources like Owire and TSCables, the top manufacturers are evaluated on

The world of communication relies heavily on fiber optic cables, the backbone of modern data transmission systems.

YOFC (Yangtze Optical Fibre and Cable Joint Stock Limited Company) Based in China,

Prysmian Group (Italy) Prysmian Group (Italy) is one of the leading companies in the energy cables and telecom cable systems

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