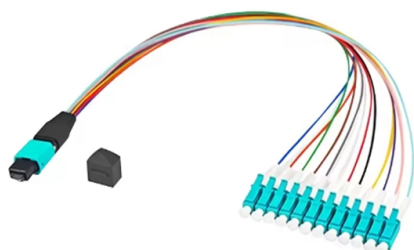


RIVO MULTITRADE OPTICAL SYSTEMS

There are manufacturers of optical cables nationwide



Overview

This section provides an overview for fiber optic cables as well as their applications and principles.

Key Takeaways

The U.S. optical cable manufacturing landscape is dominated by a mix of global leaders and specialized domestic producers, with major facilities concentrated in North America to support telecom, data center, and infrastructure projects. Major U.S. Manufacturers and Locations

- Corning Inc. – Headquartered in New York, Corning is a pioneer in optical fiber technology with extensive manufacturing facilities across the U.S., supplying both domestic and international markets. Their production supports large-scale telecom carriers and federally funded infrastructure projects, ensuring a stable supply chain for high-capacity networks .
- Prysmian Group – With a significant North American footprint, Prysmian operates multiple manufacturing sites in the U.S., producing fiber optic cables for long-distance, submarine, and enterprise networks. Their facilities are strategically located to serve both East and West Coast infrastructure projects .
- OFS (Fujikura Ltd. subsidiary) – Operating independently in the U.S., OFS specializes in integrating fiber optics with electrical power infrastructure. Their manufacturing sites are distributed to support utility and telecom sectors nationwide .

- CommScope – Based in North Carolina, CommScope provides fiber optic cables and connectivity solutions for data centers, enterprise networks, and telecom systems. Their U.S. operations focus on high-demand regions with dense network infrastructure .

- AFL – Operating in multiple U.S. locations, AFL focuses on electric utility and telecom markets, offering vertically integrated fiber optic solutions. Their facilities are positioned to serve both urban and rural network deployments .

Nationwide Distribution Insights

- Regional Concentration: Most major manufacturers have facilities on both coasts and in central states to optimize logistics and meet regional demand. The East Coast hosts Corning and CommScope operations, while Prysmian and OFS have significant West Coast and Southern U.S. presence.

- Market Coverage: These manufacturers supply fiber optic cables for telecom carriers, data centers, government projects, and utility networks, ensuring nationwide availability.

- Specialized Production: Some companies, like OFS and AFL, focus on integrating fiber with power infrastructure, while others, like Corning and Prysmian, emphasize high-capacity long-haul and submarine cables .

Smaller and Regional Manufacturers

In addition to the top U.S. producers, there are over 60,000 manufacturers and distributors globally, with 62,444 manufacturers and 16,055 distributors headquartered in the U.S. These include smaller regional suppliers that serve local telecom providers, enterprise networks, and specialized industrial applications . Examples include TS Cables, which supports both small installations and large-scale systems across multiple U.S. regions .

Summary

The U.S. optical cable manufacturing network is well-distributed, combining global leaders with regional specialists. Major hubs are strategically located to support high-demand areas, while smaller manufacturers ensure coverage for niche markets. This distribution enables robust support for nationwide telecom, broadband, and utility infrastructure projects, ensuring reliable fiber optic deployment across the country .

Article Content

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Four of the eight largest optical fiber cable manufacturers operating in the United States are owned by parent

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109 Fiber Optic Cable Manufacturers in 2026

This section provides an overview for fiber optic cables as well as their applications and principles. Also, please take a look at the list

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