

List of Optical Cable Manufacturers and Suppliers Nationwide



Overview

The United States is home to some of the most prominent and innovative fiber optic cable manufacturers in the world.

Key Takeaways

Top U.S. optical cable manufacturers include Corning, OFS, CommScope, AFL, Superior Essex, and ZTO Cable, offering a range of fiber optic solutions for enterprise, utility, and government projects. Key U.S. Manufacturers



1. Corning Incorporated – Headquartered in Corning, NY, Corning is a pioneer in optical fiber, having invented low-loss fiber in 1970. They provide SMF-28® fiber, high-density data center solutions, and large-scale infrastructure products. Corning emphasizes R&D, domestic manufacturing, and compliance with government programs like BEAD and Buy America, making it ideal for federal and Tier-1 carrier projects . 2. OFS Optics – A subsidiary of Furukawa Electric, OFS specializes in advanced fiber-optic technologies for telecommunications, medical imaging, and defense. They maintain U.S.-based manufacturing facilities and support enterprise and government projects requiring domestic supply . 3. CommScope – Offers integrated network infrastructure solutions, including structured cabling systems, FTTX solutions, and fiber assemblies. CommScope products are BEAD-ready and BABA-compliant, supporting large-scale broadband deployments . 4. AFL – Operating as a Fujikura subsidiary, AFL focuses on utility and power grid telecommunications, providing fiber integrated with electrical infrastructure. They are recognized for specialized solutions in harsh environments and industrial applications . 5. Superior Essex – Transitioned from copper to fiber optics, Superior Essex supplies inside plant and campus fiber solutions. Their products are designed for enterprise networks and support smart city and renewable energy projects . 6. ZTO Cable – A vertically integrated manufacturer, ZTO Cable produces aerial, duct, FTTH, and high-density ribbon cables. They emphasize supply chain resilience, technical innovation, and full lifecycle project support, making them suitable for large-scale national deployments .

Additional Considerations

- Compliance and Domestic Manufacturing: Many U.S. manufacturers, including Corning, OFS, and Superior Essex, produce fiber domestically to meet federal requirements and support government-funded projects .
- Product Specialization: Companies vary in focus—some prioritize data center and enterprise solutions (Corning, CommScope), while others specialize in utility, industrial, or harsh-environment applications (AFL, ZTO Cable), .
- Technological Innovation: Leading manufacturers invest heavily in R&D, offering ultra-low-loss fiber, high-density cables, and next-generation solutions for 400G/800G networks . These manufacturers collectively provide a comprehensive range of optical cable solutions across the U.S., supporting telecommunications, enterprise, utility, and government infrastructure projects.

Article Content

Fiber Optic Cable Manufacturers | US Supplier Directory

This directory lists 84 fiber optic cable manufacturers across the United States, from specialty tactical cable producers to high-volume

2026 Top 8 Optical Fiber Cable Manufacturer in USA

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

Top Fiber Optic Cable Manufacturing Companies in United States

Identify and compare relevant B2B manufacturers, suppliers and retailers. Max. OFS is a prominent designer and manufacturer of

Top US Fiber Optic Cable Manufacturers & Best Global

Looking for top fiber optic companies in the USA? We review leaders like Corning & AFL, and

Fiber Optic Cable Manufacturers

The leading Fiber Optic Cable Manufacturers in United States are listed in this directory. You can narrow down the list of

Top Fiber Optic Cable Manufacturers in United States

Discover all relevant Fiber Optic Cable Manufacturers in United States, including Frontier Communications and Fiber Solutions

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The United States is home to some of the most prominent and innovative fiber optic cable manufacturers in the world.

51 Fiber Optic Products Manufacturers & Suppliers in the World

This post collects and lists information of 51 leading fiber optic product manufacturers in the world, including their

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Top 14 Fiber Optic Cable Manufacturers in the USA

Fiber optic cables are essential components in modern telecommunications, data centers, and various other industries.

Top 16 Best Fiber Optic Cable Manufacturers in the USA

If you want to find a fiber optic cable manufacturer to work for your project, you can read this article, we list out top 16

Top 10 Fiber Optic Cable Suppliers & Manufacturers

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

2026 Top 8 Optical Fiber Cable Manufacturer in USA

3. Top 8 Optical Fiber Cable Manufacturer Corning Inc. - The Innovation Pioneer
Corning invented low-loss optical

15 Largest Fiber Optic Companies in the World

This made China the largest supplier of optical fibers in the region. China is the home of the largest fiber-optic

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

Top 15 Fiber Optic Cable Manufacturers Of 2026 | ZTO Cable

Top 15 Fiber Optic Cable Manufacturers of 2026 represent the backbone of our digital era, supporting everything from AI-driven

Cables Manufacturers and Suppliers in the USA

Geographic Distribution of Cables Suppliers in the USA Thomas has more than 3,200 cable suppliers across the US.

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