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Four telecommunications companies specializing in fiber optic cables

Overview

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

Key Takeaways

Corning, AFL Telecommunications, OFS Fitel, and Prysmian Group are four leading companies specializing in fiber optic cables.1. Corning Incorporated

Corning, headquartered in Corning, New York, USA, is a pioneer in fiber optics, having invented low-loss optical fiber in 1970. It provides high-density fiber solutions for data centers, telecom networks, and government projects. Corning's innovations, such as SMF-28® Contour™ Fiber and CPO FlexConnect™ Fiber, enable compact, high-speed data transmission and support AI-powered cloud and data center services globally, making it a benchmark in the industry .

2. AFL Telecommunications

AFL Telecommunications, based in Duncan, South Carolina, USA, offers end-to-end fiber optic solutions, including manufacturing, design, and installation services. AFL specializes in industrial-grade and utility fiber applications, such as Optical Ground Wire (OPGW) for energy and smart grid projects. Its fusion splicing technology and robust infrastructure solutions make it a preferred choice for harsh environments and large-scale network deployments .

3. OFS Fitel, LLC

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OFS Fitel, headquartered in Norcross, Georgia, USA, focuses on specialty fiber solutions for industrial, medical, subsea, and FTTx (Fiber to the Home) applications. With innovations like InvisiLight® Optical Solutions and bend-insensitive cables (EZ-Bend®), OFS enables high-speed, reliable fiber deployment in confined or complex environments. It is recognized for its expertise in both single-mode and multimode fibers for enterprise and telecom networks .

4. Prysmian Group

Prysmian Group, a global leader in cable systems, provides fiber optic solutions for telecom networks, subsea systems, and enterprise connectivity. Headquartered in Italy, Prysmian is known for large-scale infrastructure projects and high-performance fiber cables that support broadband, 5G, and cloud data center networks. Its extensive portfolio includes both terrestrial and submarine fiber optic systems, making it a key player in global connectivity . These four companies represent a mix of manufacturing excellence, network deployment expertise, and technological innovation, serving both consumer and enterprise markets worldwide. They are central to the expansion of high-speed broadband, 5G infrastructure, and global digital connectivity.

Article Content

2026 Top 8 Optical Fiber Cable Manufacturer in USA

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

10 Best Fiber Optic Manufacturers for 2026

This comprehensive guide examines the top fiber optic cable manufacturers delivering high-performance fiber optic

Top Fiber Optic Telecommunications Companies in United States

Identify and compare relevant B2B manufacturers, suppliers and retailers. Max. OpticalTel specializes in fiber optic

Fiber-optic communication

Optical fiber is used by telecommunications companies to transmit telephone signals, Internet communication and cable television

Top 15 Fiber Optic Manufacturers (2026 Global Ranking)

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

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Fiber-optic cable

Different types of cable are used for fiber-optic communication in different applications, for example long

Fiber Optic Cables Manufacturers and Suppliers in the USA

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

Top 24 Fiber Optic Cable Manufacturing Companies

Top 24 Fiber Optic Cable Manufacturing Companies 1. Afl Website: aflglobal Ownership type: Corporate Headquarters: Duncan,

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Sumitomo Electric Industries Established in 1897 in Japan, Sumitomo ranks

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In today''s rapidly advancing digital age, fiber optic cables are the backbone of global

Top 7 Fiber Optic Companies: Market Share & Analyst

Best For: Large-scale Urban FTTH (Fiber-to-the-Home) deployments. LS Cable & System,

Fiber-optic communication

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Fiber Optics Market Size Report 2024-2029 [234 Pages & 191 Tables]

A 5G network requires high-bandwidth fiber optic cables for secure and reliable data transfers. Subsequently, expanding

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Fiber Optic and Structured Cable Design Build Services FiberTechs is a full-service fiber optics telecommunications contracting

Fiber Optics Companies

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

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Top 21 Fiber Optic Installation Companies 1. FibreUP Website: fibreup Ownership type: Private Headquarters: Cape Town,

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

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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 Internet Providers and TV Companies in Los Angeles, CA

This page contains all Fiber internet providers in Los Angeles, CA. To see availability maps for all providers including

Top 7 Fiber Optic Companies: Market Share & Analyst

These companies are involved in various aspects of fiber optics, including manufacturing

10 Best Fiber Optic Manufacturers & Suppliers for 2026

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The top 10 suppliers and manufacturers of optical cables in 2026. offering high-speed connectivity, durable builds, and

Top 10 Fiber Optic Cable Suppliers for Data Center & Telecom in 2026:

This guide provides a data-driven comparison of Corning, Prysmian, AMPCOM, and other leading fiber optic cable

TOP 10 BEST Fiber Optic in Los Angeles, CA

"Fusion Networking and Tech did a fantastic job on our Cat 6 cabling project. The installation was clean, well-organized, and clearly

TOP 10 BEST Fiber Optics in Los Angeles, CA

What are people saying about internet service providers services in Los Angeles, CA? This is a review for a internet service

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