

Which companies use fiber optic cable equipment

Article Overview

Major companies that manufacture and deploy fiber optic cable equipment include Corning, Prysmian Group, AFL, Sumitomo, and Superior Essex, among others.

Leading Fiber Optic Manufacturers

- o Corning Incorporated: A U.S.-based pioneer in optical fiber technology, Corning produces optical fibers, fiber-optic cables, and photonic components. They supply major telecoms, data centers, and 5G infrastructure projects worldwide, with production facilities in the U.S., China, and Europe, and invest heavily in R&D for next-generation networks .
- o Prysmian Group: Headquartered in Italy, Prysmian is the largest fiber-optic cable manufacturer globally. They provide optical fibers, submarine cables, and fire-resistant fibers, supporting long-haul networks, 5G deployments, and energy solutions across Europe, North America, South America, and Asia .
- o AFL: Based in South Carolina, AFL manufactures fiber optic cables, connectors, fusion splicers, and test equipment. They serve electric utilities, broadband providers, and industrial sectors, emphasizing network reliability and performance .
- o Sumitomo Electric: A Japanese company specializing in ultra-low-loss fibers and high-density multi-core cables, Sumitomo supports telecommunications and automotive sectors, enabling high-capacity networks with up to 100 Tbps aggregate capacity .
- o Superior Essex: Known for domestically manufactured fiber optic solutions, Superior Essex provides cables compliant with Build America, Buy America (BABA) requirements, serving government and enterprise projects in the U.S. .

Other Notable Companies

Additional global players include CommScope, Dekam-Fiber, Shenzhen Necero Optical Fiber and Cable Co., Ltd., and Hengtong Group, which manufacture optical cables, fiber assemblies, and accessories for telecom, data center, and industrial applications .

Applications and Deployment

These companies not only manufacture fiber optic equipment but also support network rollouts, including:

- o FTTH (Fiber to the Home) and FTTA (Fiber to the Antenna) deployments
 - o Data center interconnects and high-density cabling
 - o 5G network backbones connecting antennas and base stations
 - o Submarine and long-haul fiber networks linking continents
- Fiber optic technology is critical for high-speed,



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low-latency communication, supporting cloud computing, AI, and smart city infrastructure . In summary, companies like Corning, Prysmian, AFL, Sumitomo, and Superior Essex dominate the fiber optic equipment market, providing both the hardware and solutions necessary for modern telecommunications and enterprise networks.

VMR Industry Intelligence: A evaluation of the top 7 fiber optic vendors. Featuring market

Do you want to improve your cable performance or optimize your process to reduce scrap? Get in touch with our experts for in-depth

Discover leading fiber optic technology companies driving innovation, 5G, and future-proof

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but containing one or more

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

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

Optical fiber broadband brings together a culture of innovation, quality, and manufacturing excellence to create life-changing products.

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

So which one would you choose? Gcabling, as an expert in fiber optic cables as well as a

This updated list ranks the 20 largest fiber-optic cable companies worldwide and summarizes what each

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

Fiber optic cables are often used to transmit data and control signals in environments where high-powered motors,

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

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and LS Cable -- with

The company offers fiber optic connectors, splicing equipment for joining optical fibers, and testing equipment for assessing cable

If you want to find more companies that provide optical cables and connectors you can do so with Inven. This list was built with Inven

Here's a list of the top 10 fiber optic cable manufacturers in the world, based on their global presence, technological

Web: <https://bssoda.pl>

