

What are some manufacturers of optical fiber cable granules



Overview

2026 Top 8 Optical Fiber Cable Manufacturer in USA This page maps the eight manufacturers with US production, what each one is built for, and what to verify.

Key Takeaways

Leading manufacturers of optical fiber cable granules include Corning, Prysmian Group, OFS, Furukawa Electric, and Sumitomo Electric Industries, all of which supply high-quality raw materials for fiber optic production.

Key Manufacturers



Corning Incorporated is a global leader in optical fiber technology, producing high-purity silica and other materials used in fiber optic granules. Their innovations in low-loss optical fiber and glass science support both telecom and data center applications, making them a primary source for optical fiber raw materials (Corning Inc) . Prysmian Group, headquartered in Italy, manufactures a wide range of optical fiber cables and granules, including high-strength and low-attenuation fibers suitable for long-haul and submarine networks. They emphasize sustainable production using recycled materials (Prysmian Group) . OFS specializes in optical fiber and cable solutions, providing granules and preforms for high-performance fiber production. Their expertise spans FTTx, specialty photonics, and broadband applications, ensuring reliable and cost-effective materials (OFS) . Furukawa Electric Co., Ltd. is a pioneer in fiber optics in Asia, producing FutureGuide fibers and associated granules with superior bending and attenuation characteristics. They focus on industrial and telecom applications, including smart infrastructure monitoring (Furukawa Electric) . Sumitomo Electric Industries develops ultra-low-loss fibers using vapor-phase axial deposition (VAD) technology. They supply high-quality silica granules and preforms for long-haul networks and specialized industrial applications (Sumitomo Electric) . AFL and Shenzhen Necero Optical Fiber and Cable Co., Ltd. are additional notable suppliers, offering fiber optic cables and raw materials for telecommunications and industrial sectors, with global distribution networks (AFL, Necero) .

Considerations for Selecting Granule Suppliers

- Purity and quality: High-purity silica granules reduce signal loss and improve fiber performance.
- Global reach: Companies with international manufacturing and distribution ensure consistent supply.
- Specialty fibers: Some manufacturers provide granules for bend-insensitive, low-loss, or high-strength fibers.
- Sustainability: Leading suppliers increasingly use recycled materials and eco-friendly production methods. These manufacturers are trusted sources for optical fiber cable granules, supporting both large-scale telecom networks and specialized industrial applications.

Article Content

Fiber Optic Cable Assemblies & Custom Fiber Solutions | iFiber Optix

Founded in 2000, iFiber Optix designs and manufactures high-quality fiber optic cable assemblies with a focus on performance, fast

Fiber Optics – Buyer's Guide & Supplier List | RP Photonics

229 suppliers for fiber optics are listed in the RP Photonics Buyer's Guide, out of which 15 present their product descriptions and

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

Fiber Optic Cable Manufacturers

Fiber optic cable is composed of two layers of glass, the core, which carries the actual light signal, and the cladding, which is a layer

15 Largest Fiber Optic Companies in the World

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

20 Largest Fiber Optic Cable Companies in... | AIMIFIBER

This updated list ranks the 20 largest fiber-optic cable companies worldwide and Learn more from AIMIFIBER — fiber optic

17 Optical Fiber Manufacturers in 2026

This section provides an overview for optical fibers as well as their applications and principles. Also, please take a look at the list of

27 Leading Fiber Optic Cables Companies Shaping the Global Market ...

27. Yangtze Optical Fiber and Cable Joint Stock Limited Company Yangtze Optical Fiber and Cable JSC is a global leader in optical

Top 21 Fiber Optics Manufacturing Companies

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