

Ranking of Optical Cable and Fiberglass Suppliers

Article Overview

Prysmian Group and Corning Incorporated are consistently ranked as the top global fiberglass optical cable manufacturers, followed by Fujikura, Sumitomo Electric, and Furukawa Electric.

Top Global Manufacturers

- o Prysmian Group (Italy) - Prysmian is the world's largest fiber optic cable manufacturer, with a 15% global market share. They specialize in high-density optical fibers, submarine cables, and innovative solutions like Hollow-Core Fiber (HCF) for ultra-low latency applications. Prysmian operates over 108 plants worldwide and emphasizes sustainability through recycled materials and energy-efficient production .
- o Corning Incorporated (USA) - Corning is a pioneer in optical fiber technology, holding approximately 10.4% of the global market. Known for ultra-low-loss and bend-insensitive fibers, Corning supports high-speed telecom networks, data centers, and 5G infrastructure. Their ClearCurve fibers allow tight bends without signal loss, and they invest heavily in R&D (\$1 billion annually), .
- o Fujikura Ltd. (Japan) - Fujikura is a leading manufacturer in Asia, providing fiber optic cables for telecommunications and automotive applications. They are recognized for high-quality fibers with superior attenuation and bending characteristics, and they are expanding into smart infrastructure monitoring solutions .
- o Sumitomo Electric Industries (Japan) - Sumitomo is known for ultra-low-loss fibers and advanced manufacturing technologies like vapor-phase axial deposition (VAD). They focus on long-haul networks, 5G infrastructure, and specialized industrial applications .
- o Furukawa Electric Co., Ltd. (Japan) - Furukawa dominates the Asian market with its FutureGuide fibers, offering excellent bending performance and low attenuation. The company is expanding into smart infrastructure and industrial fiber solutions .
- o CommScope / Dekam-Fiber (USA/Global) - CommScope and Dekam-Fiber are recognized for high-performance fiber optic solutions, including pre-terminated trunk cables and connectivity systems for data centers and telecom networks .
- o Other notable manufacturers - Additional top players include Nexans (France), Hengtong Group (China), YOFC (China), and Leoni (Germany), which provide regional and global solutions for FTTH, submarine, and industrial fiber networks .

Key Considerations

- o Market Reach: Prysmian and Corning have the broadest global presence, supplying Europe, North America, Asia, and South America.
- o Innovation: Companies like Prysmian, Corning, and Sumitomo lead in bend-insensitive fibers, high-density microduct cables, and Hollow-Core Fiber for AI and 5G networks.
- o Sustainability: European and U.S. manufacturers increasingly focus on eco-friendly production, using recycled silica and reducing emissions.

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o Specialized Applications: Some manufacturers, such as Fujikura and Furukawa, target smart infrastructure, automotive, and industrial fiber solutions, while Prysmian and Corning dominate telecom and hyperscale data center markets. This ranking provides a comprehensive overview of the leading fiberglass optical cable manufacturers, highlighting their technological strengths, global reach, and market leadership for 2025-2026 .

Fiber optic cables are essential for modern telecommunications, providing high-speed data transmission over long

The "Ribbon Fiber Optic Cable Market 2018-2025" report studies the global market for this technology, especially in the US, China,

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

Discover the best fiber optic manufacturers globally, offering cutting-edge multimode and single mode fiber solutions.

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

2026 Selection Criteria for Top Manufacturers Our ranking of the Top 15 Fiber Optic Cable Manufacturers

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

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

17 Optical Fiber Manufacturers in 2026 This section provides an overview for optical fibers as well as their applications and

Use this checklist to compare fiber optic cable manufacturers for quality control, custom

As we examine the Top 10 Optical Fiber Companies, we'll explore the pioneers who are shaping next-generation

In this list-style guide, we'll explore the top 10 fiber optic cable suppliers in the world, diving into their history, products,

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

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optic

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

Reason for Top 20 Ranking: Corning's long-standing innovation and leadership in glass

Reason for Top 20 Ranking: As the world's largest fiber optic cable manufacturer, Prysmian's

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