

Ranking of Leading Companies in Optical Cable Technology



AI Overview

The top global optical cable manufacturers are Prysmian Group, Corning Incorporated, YOFC, Hengtong, and Fujikura, leading in market share, innovation, and global reach.

Top Manufacturers Overview

- Prysmian Group (Italy) – The world's largest fiber optic cable manufacturer, holding approximately 15% of the global market. Prysmian specializes in submarine, terrestrial, and fire-resistant cables with high tensile strength and low attenuation, supporting long-haul networks and 5G infrastructure. The company operates 108 manufacturing plants worldwide and emphasizes sustainability through recycled materials, reducing emissions by 20% .
- Corning Incorporated (USA) – A pioneer in fiber optic technology with around 10.4-40% market share depending on the source. Corning produces ultra-low-loss, bend-insensitive fibers for FTTx, data centers, and high-speed telecom networks. Its R&D investment exceeds \$1 billion annually, and it maintains production facilities in the U.S., China, and Europe .
- YOFC (China) – Holding a 12% global market share, YOFC manufactures ultra-low-loss fibers and high-density cables for long-haul and 5G networks. With 13 factories worldwide, the company focuses on R&D innovations such as bend-resistant and quantum communication fibers, serving major telecom operators like China Mobile .
- Hengtong (China) – Specializes in submarine and terrestrial cables with 0.19 dB/km attenuation and 2500 N tensile strength. Hengtong has a 10% market share and is advancing high-capacity multi-core fibers (192 fibers) for 6G readiness, while reduci...

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Key Offering: Standard telecom fibers, specialty fibers, submarine cable systems
Hengtong has grown from domestic

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