ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Manufacturer of Optical Fiber Cables



Overview

2026 Top 8 Optical Fiber Cable Manufacturer in USAThis page maps the eight manufacturers with US production, what each one is built for, and 10 Best Fiber.

Key Takeaways

Top global manufacturers of optical fiber cables include Corning, Prysmian Group, Sumitomo Electric, Fujikura, Furukawa/OFS, Hengtong, CommScope, Superior Essex, AFL, and Panduit.Major Global Manufacturers



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1. Corning Inc. – An American pioneer in optical fiber technology, Corning produces low-loss optical fibers, fiber-optic cables, and photonic components. They serve data centers, telecom networks, and FTTx deployments, with production facilities in the U.S., China, and Europe, and invest heavily in R&D for next-generation networks . 2. Prysmian Group – Headquartered in Italy, Prysmian is a global leader in fiber-optic and energy cables. They manufacture submarine, fire-resistant, and high-capacity terrestrial cables, supporting 5G and long-haul networks, with operations in over 50 countries . 3. Sumitomo Electric Industries – Based in Japan, Sumitomo specializes in ultra-low-loss fibers and high-density multi-core cables for telecommunications and industrial applications. They are known for VAD fiber technology and 6G-ready solutions . 4. Fujikura Ltd. – A Japanese manufacturer producing high-reliability optical fibers and cables, including spider web ribbon cables for dense deployments. Fujikura serves telecom, medical, and industrial sectors with facilities in Asia, Europe, and the U.S. . 5. Furukawa Electric / OFS – This Japanese-U.S. collaboration focuses on ultra-low-loss fibers and customized solutions for aerospace, data centers, and military applications. OFS emphasizes U.S.-based production and bending-loss-resistant fibers . 6. Hengtong Optic-Electric Co. Ltd. – A Chinese company that has expanded globally, producing high-volume optical fibers and cables for telecom and enterprise networks . 7. CommScope – Known for enterprise and service-provider fiber deployment solutions, CommScope acquired ARRIS and TE Connectivity's fiber assets, offering comprehensive optical network solutions . 8. Superior Essex Communications – U.S.-based manufacturer providing high-performance fiber-optic cables with sustainability certifications and compliance with Build America, Buy America (BABA) requirements . 9. AFL (Advanced Fiber Logistics) – Offers OPGW fiber technology, long-haul engineering, and global support with manufacturing in the U.S., Mexico, U.K., and Germany . 10. Panduit – Supplies engineered fiber-optic solutions for enterprise networks and data centers, focusing on durability and long-term performance .

Additional Notable Manufacturers

Other significant players include ZTO Cable, which provides vertically integrated manufacturing for full lifecycle network compatibility, and Nokia Networks, which contributes high-performance optical networking solutions . These manufacturers collectively cover a wide range of fiber-optic products, including single-mode, multi-mode, submarine, aerial, duct, and FTTH cables, supporting global telecommunications, data centers, and industrial applications. They also emphasize innovation, sustainability, and compliance with international standards such as ITU-T, IEC, and ISO .

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3. Top 8 Optical Fiber Cable Manufacturer Corning Inc. – The Innovation Pioneer Corning invented low-loss optical

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Introduction Fiber optic cables are a critical component of modern digital infrastructure,

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2024 Top 12 US Fiber Optic Cable Manufacturers

Company Profile: Optical Cable Corporation (OCC), based in Roanoke, Virginia, is a leading manufacturer of fiber

About OCC

We manufacture and design top-tier fiber optic and copper cabling and connectivity products to support a wide range of application

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Single & Multi-Mode Optical Fiber Solutions | Prysmian

Prysmian is the world''s largest cable solutions provider, with a proven record of innovation and reliability.

10 Best Fiber Optic Manufacturers & Suppliers for 2026

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

The World''s Top 20 Fiber Optic Cable Manufacturers

Notes: US-based Optical Cable Corporation (OCC) is renowned for its durable, high

Top 24 Fiber Optic Cable Manufacturing Companies

Shenzhen Necero Optical Fiber and Cable Co., Ltd. is a private manufacturer based in Shenzhen, Guangdong, China, established in

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