Fiber Optic Communication Component Suppliers



Overview

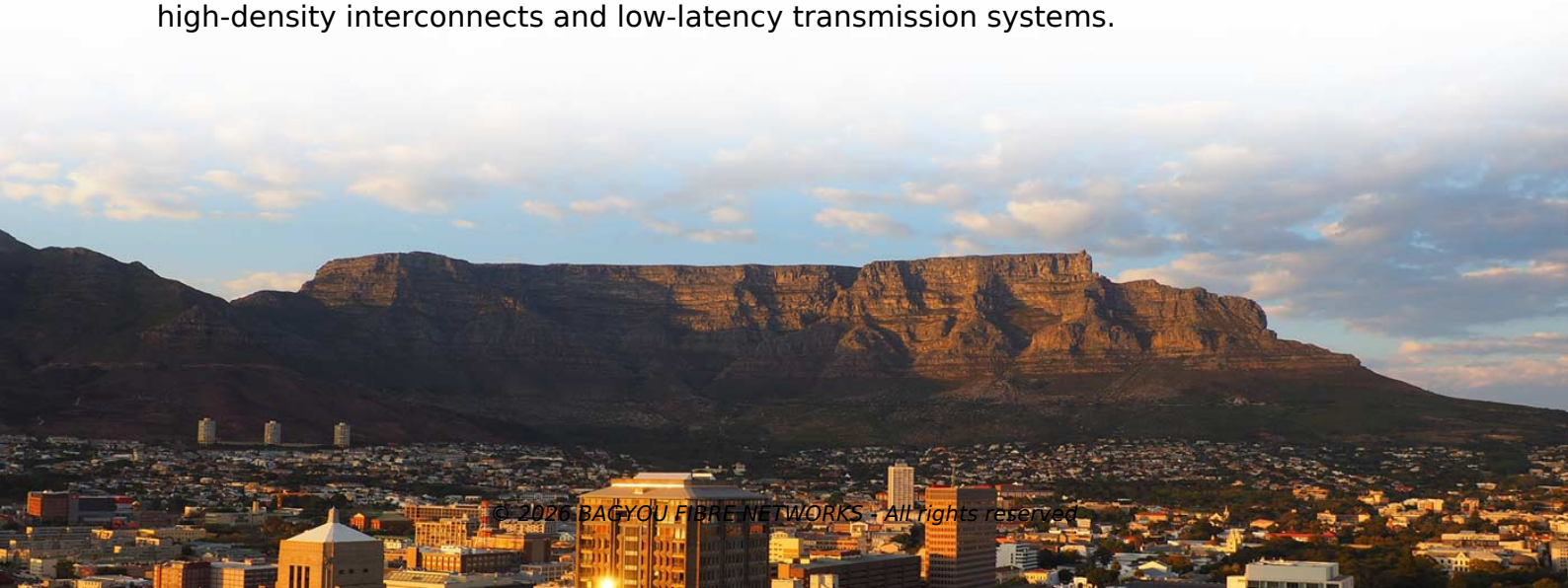
Fiber Optic Components from the leading manufacturers are listed on GoPhotonics. Use parametric search tool to find products based on specification.

Key Takeaways

Leading fiber optic component manufacturers include Corning, Prysmian, Sumitomo Electric, Fujikura, Broadcom, Lumentum, and emerging players like YOFC and Sterlite Technologies.

Global Leaders

Corning: A global leader in optical physics and precision manufacturing, Corning provides a wide range of optical communication components, including specialty fibers, wavelength management devices, variable optical attenuators, fiber arrays, couplers, and splitters. They focus on high-performance solutions for LAN, data centers, and 400G+ networks, offering OEM services and customized optical solutions worldwide. Prysmian Group: Known for its extensive fiber optic cable and component portfolio, Prysmian serves telecom, industrial, and data center markets, emphasizing high-density interconnects and low-latency transmission systems.



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Sumitomo Electric: A major Japanese manufacturer, Sumitomo Electric specializes in optical fibers, cables, and passive components, maintaining a strong global presence and technological leadership. Fujikura: Offers optical components and fiber solutions, including transceivers and high-performance cables, with a focus on innovation in high-speed data transmission and network reliability. Emerging and Regional PlayersYOFC (Yangtze Optical Fibre and Cable): A Chinese manufacturer expanding rapidly through cost-efficient production and regional market penetration.

Sterlite Technologies: An Indian company focusing on fiber optic solutions for underserved regions, emphasizing affordability and scalability. European Manufacturers: Companies like Fiber Products provide modular fiber optic interconnect components, connectors, and enclosures tailored for industrial and mission-critical networks, with European production and long-term reliability.

Other Notable Companies

Broadcom Inc.: Supplies high-performance optical transceivers and active optical cables for data centers and telecom networks. Lumentum Holdings Inc.: Offers optical networking solutions, including lasers and passive components for high-speed communication. Coherent Corporation: Specializes in high-power single-mode fibers and precision-matched passive fibers for advanced applications like quantum computing and LiDAR.

Market Insights

The fiber optic component market is projected to grow significantly, driven by 5G expansion, FTTH deployments, cloud computing, and IoT adoption. Top manufacturers collectively account for 55–65% of market revenue, reflecting moderate consolidation. Innovation in high-speed transmission, miniaturization, and energy efficiency is a key differentiator, while emerging Asian manufacturers challenge incumbents through aggressive pricing and capacity expansion.

These companies provide a mix of standardized components, custom OEM solutions, and turnkey production lines, catering to diverse applications from data centers to industrial networks and telecom infrastructure.

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Article Content

Fiber Optic Components

Fiber Optic Components from the leading manufacturers are listed on GoPhotonics. Use parametric search tool to find products based on specification. View product details, download datasheets and

Fiber Optic Components & Telecom Solutions_ Fiber

Fiber Electronics provides a wide range of fiber optic components and telecom solutions, with global shipping and expert support.

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

This buyer''s guide for fiber optics provides technical background, comparison of major types, selection criteria, and an overview of suppliers.

FiberOptic Supply

We offer fiber optic materials from Test Equipment, Bulk Cable and Fusion Splicers to Tools, Patch Cables and Consumables.

Fiber optic components

Order Online for Active Optical Cable, Brocade Modules, Cisco Transceiver, SFPEX and Fiber Optic Cable.

Global AI Optical Transceiver Market to Reach US$26

The upgrade cycle offers significant structural growth opportunities for Taiwan''s optical communications supply chain. Taiwanese firms have

The FOA Reference For Fiber Optics

Fiber Optic Network Design Jump To: The Communications System Cabling Design Choosing Transmission Equipment Planning The Route Choosing Components Cable Plant Link Loss Budget

What is Optical Distribution Frame in Telecom Networking

Optical Distribution Frames (ODF) are indispensable components in optical communications networks. They provide efficient fiber optic management, connectivity, and protection.

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Fiber Optic Equipment & Broadband Materials | Millennium

Millennium supplies fiber optic cable, OSP materials, and equipment rental for broadband network builders. 20+ U.S. locations. Talk to a fiber build expert.

GlassBridge™ Fiber-to-PIC Connector Technology

As part of a broader connector system architecture, GlassBridge functions both as a precise glass component and as a complete connector assembly, providing system designers with a practical,

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KD provides semiconductors for high-speed optical networking in harsh environments. Applications in automotive, home & SOHO, and industrial benefit from KD''s future-proven system solutions for

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Rof RF module 0.6-6G Microwave Optical Fiber Tr... Rof 3GHz/6GHz Microwave Optical Transceiver Mod... Rof MODL Series fiber optical delay device Moto...

Next Generation Optical Components and Solutions

Next Generation Optical Components and Solutions Discover how Corning is innovating optical communications for 400G and beyond.

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The FOA Reference For Fiber Optics

All fiber optic applications are not the same. At the FOA, we''re mainly concerned with communications fiber optics - telco, CATV, LAN, industrial, etc., but fiber optics are also used in medical or

Lightera Optical Fiber & Connectivity Solutions

About us We build brighter, more connected communities by providing innovative solutions powered by optical technologies. Lightera offers a comprehensive portfolio of communication infrastructure

AI demand strains supplies of lasers, fiber, and other optical tech

Critical suppliers in this field are mainly from the US and China. The latter has built a rather complete supply chain ecosystem for optical transceivers, from materials, fibers, components

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