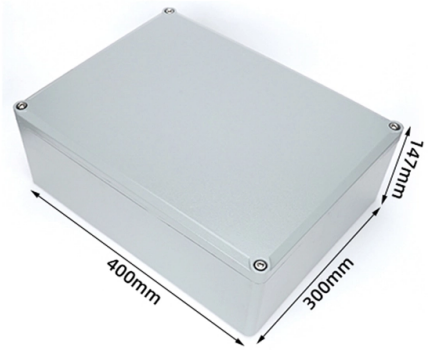
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Optical Module Communication Manufacturers



Overview

Top 28 Optical Communication Systems CompaniesAfter more than 20 years of hard work, O-Net Technology has grown into the world's largest supplier of optica.

Key Takeaways

Leading manufacturers of communication optical modules include Coherent Corp., INNOLIGHT, Accelink, Cisco (Acacia), Lumentum, Sumitomo Electric, Fujitsu, Smiths Interconnect, Source Photonics, and Eoptolink.Key Global Manufacturers



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Coherent Corp. (US) – Formerly II-VI Incorporated, Coherent is a major supplier of optical components and transceivers, including pluggable and coherent modules for datacom, telecom, and AI-centric infrastructure. The company focuses on integrated optics and silicon photonics, supporting high-speed networks and energy-efficient solutions . INNOLIGHT (China) – A leading provider of high-speed optical interconnects, INNOLIGHT specializes in 100G, 200G, 400G, and 800G modules for cloud data centers and telecom networks, including 5G fronthaul, midhaul, and backhaul applications . Accelink Technology Co. Ltd (China) – Offers a broad portfolio of optical transceivers for long-haul, metro, and access networks. Its vertically integrated model ensures scalable, cost-effective production for telecom operators and data centers . Cisco Systems, Inc. (US) – Through its Acacia Communications acquisition, Cisco provides coherent optics, pluggable modules, and optical transport solutions for cloud and telecom networks . Lumentum Operations LLC (US) – Designs and manufactures high-speed optical transceivers and photonic products, including 400G and 800G modules, with a focus on coherent optics and integrated laser technology . Sumitomo Electric Industries Ltd (Japan) – Supplies optical transceivers and components for datacom, metro, and long-haul networks, emphasizing reliability, energy efficiency, and 5G/data center connectivity . Fujitsu Optical Components Limited (Japan) – Develops high-performance optical devices, including coherent transceivers for long-distance and high-capacity transmission, supporting 400G–800G networks . Smiths Interconnect (UK) – Provides ruggedized optical transceivers for aerospace, defense, and industrial applications, integrating precision engineering and photonic innovation . Source Photonics (US/China) – Manufactures optical transceivers and components for broadband, wireless, and data center applications, including 100G, 400G, and emerging 800G systems . Eoptolink (China) – Focuses on high-performance optical modules and devices for ICT industries, including data centers, FTTx, LTE, and smart grid applications .

Industry Overview

Optical modules are central to modern communication networks, converting electrical signals to optical signals and vice versa. They are widely used in data centers, cloud computing, 5G networks, and fiber-to-the-home (FTTH) deployments. The industry is rapidly evolving toward 800G, 1.6T, and energy-efficient photonics, with manufacturers emphasizing high-speed, scalable, and cost-effective solutions . These companies often provide end-to-end solutions, including R&D, design, packaging, testing, and sales, ensuring compatibility with backbone, core, and access networks. Many have a global presence, serving hyperscale cloud providers, telecom operators, and industrial clients. This list represents the top-tier players in the optical module market, offering a mix of high-speed datacom modules, coherent optics, and specialized solutions for emerging network demands.

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A publicly traded optical communication manufacturer, Accelink offers a broad portfolio of transceivers, including for

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

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To truly optimize your optical budget, you need to know the actual manufacturers driving the industry. Here are the Top 10 Optical

Top 10 Leading Companies in the Global Optical Transceiver Industry

Here are the Top 10 leading companies in the global optical transceiver market, driving innovation, scalability, and

Home

Optical Zonu Corporation (or “OZC”) is a privately owned, Los Angeles-based designer and manufacturer of Fiber Optic Components

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