

Companies that mass-produce 2.0T optical modules



Overview

Sourcing optics for your data center? Discover the top 10 optical transceiver manufacturers in 2026.

Key Takeaways

Leading manufacturers of 2.0T optical modules include Zhongji Innolight, Eoptolink, Accelink, O-Net Technology, Coherent, Lumentum, Sumitomo Electric, and Fujitsu.

- **Chinese Manufacturers**
- **Zhongji Innolight:** A global leader in high-speed optical modules, Innolight produces 100G, 200G, 400G, 800G, and 2.0T modules for cloud data centers and telecom networks. The company integrates R&D, design, packaging, testing, and sales, providing end-to-end solutions for backbone and core network transmission .
- **Eoptolink:** Established in 2008, Eoptolink specializes in high-performance optical modules and devices, serving data centers, FTTx, LTE, and transmission networks. It offers mass production capabilities and compliance with international standards such as TUV, CE, UL, FCC, and RoHS .
- **Accelink Technologies:** Accelink has developed and mass-produced optical chips and modules, including PLC, FP, DFB, EML, and VCSEL-based solutions. It provides vertically integrated manufacturing from chips to modules and subsystems, supporting large-scale deployment in optical communication networks .

- **O-Net Technology:** Headquartered in Shenzhen, O-Net is one of the world's largest suppliers of optical communication components and modules. It has extensive R&D centers globally and leads in high-speed optical module production, including 2.0T solutions .
- **Huawei:** Listed among top Chinese optical module manufacturers, Huawei produces high-speed modules for telecom and data center applications, including 2.0T modules, leveraging its global network equipment business .
- **Source Photonics:** With partial Chinese ownership, Source Photonics manufactures high-speed optical modules and is expanding its production capacity for 2.0T modules .

Global Manufacturers

- **Coherent (formerly II-VI Incorporated):** A major player in optical transceivers, Coherent provides high-performance 2.0T modules for 5G, AI-driven data centers, and cloud computing applications, with strong presence in North America and Asia-Pacific .
 - **Lumentum:** Specializes in optical and photonic solutions, including high-speed 2.0T modules for broadband networks, 5G, and cloud computing, with production facilities in Asia-Pacific and expansion into Europe and North America .
 - **Sumitomo Electric Industries:** Offers advanced optical transceivers for 5G networks and hyperscale data centers, including 2.0T modules, with a focus on energy efficiency and sustainable manufacturing .
 - **Fujitsu:** Provides high-speed optical solutions for telecommunications and data centers, including 2.0T modules, with a strong presence in Japan and global markets .
- These companies are recognized for mass production capabilities, global supply chains, and high-speed optical module expertise, making them suitable partners for large-scale deployment of 2.0T optical modules in data centers, telecom networks, and AI-driven infrastructure.

Article Content

10 companies in the optical transceiver industry chain 2024

To help you choose the best partner, this article will analyze and introduce 10 companies in the optical transceiver

Top 10 Optical Transceiver Manufacturers in the World (2026)

Sourcing optics for your data center? Discover the top 10 optical transceiver manufacturers in 2026. Compare global giants and

Top 10 Optical Module Brand & Manufacturers

Find the Top 10 Optical Module brand, manufacturers, and exporters. Get the contact details and addresses of companies producing

Top 10 Optical Module Manufacturers' Annual Reports ...

The only domestic company simultaneously possessing mass production capabilities for a full range of high-speed

Chinese Optical Modules Own 7 of the Top 10 Seats. So Why Are

Innolight and Eoptolink are estimated by industry sources to supply roughly 60% of NVIDIA's 800G volume, controlling

Which publicly traded companies manufacture optical chips for optical ...

Optical-chip companies used in optical modules typically refer to publicly traded firms that design, manufacture, or

Optical Modules Market Research Report 2034

The optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034, growing at a CAGR of

Chinese Optical Modules Own 7 of the Top 10 Seats. So Why Are

Seven of the global top 10 optical module suppliers in 2024 were Chinese companies (including Source Photonics,

Latest Ranking Of Top 10 Global Optical Module Suppliers

Recently, LightCounting, a well-known market research organization in the optical communication industry, released

LightCounting :: The TOP10 Transceiver Suppliers for 2024

The figure below illustrates the changes in the TOP10 list of optical transceiver suppliers over the last 15 years. A majority of the

Optical Module Market Size, Competitors & Forecast to 2032

The Optical Module Market, valued at USD 30.01B in 2026, is projected to reach USD 66.94B by 2032, growing at a 14.1% CAGR.

Global Optical Module Suppliers TOP10 Ranking Changes

The global optical module supplier Top 10 ranking has changed dramatically over the past decade or so, with only one

Top 10 Global Optical Modules in 2023: Chinese Manufacturers

Recently, LightCounting, a market research institution in the optical communication industry, released the latest version

Top 28 Optical Communication Systems Companies

Want to Find More Optical Communication Systems Companies? If you want to find more companies that provide optical

Top 10 Optical module company China Products Compare 2025

Are you curious about which optical module factories in China stand out from the crowd? With the rapid growth of technology,

Companies that mass-produce 2 0t optical modules

As networks evolve from 100G to 400G and beyond, the role of optical module manufacturers becomes increasingly pivotal. This

Top 100 Optical Transceiver Manufacturers in 2026 | ensun

Identify and compare relevant B2B manufacturers, suppliers and retailers. Max. Precision Optical Transceivers specializes in optical

Nvidia's official announcement, CPO mass production, and a ...

In 2025, Chinese companies will occupy 7 of the top 10 global optical module companies, with InnoLight Technology

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

