

Major Companies in Optical Modules



Overview

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

Key Takeaways

Key global players in the optical modules market include Innolight, II-VI (Finisar), Huawei, Lumentum, Ciena, Infinera, Eoptolink, and Accelink.

Leading Optical Module Manufacturers

Innolight (Zhongji Innolight Co., Ltd.) is a global leader in high-speed optical communication modules, offering solutions for data centers and telecom networks, including 100G, 200G, 400G, and 800G modules. The company integrates R&D, design, packaging, testing, and sales, and has a strong presence in backbone and core network transmission modules. II-VI Incorporated acquired Finisar, a top optical module supplier, and is recognized for its high-performance optical transceivers and integrated photonics solutions.

Huawei (HiSilicon) ranks among the top suppliers, producing coherent DWDM modules and high-end optical devices for telecom and data center applications. Huawei has invested heavily in local supply chains to secure IC chips and maintain production despite global restrictions. Lumentum specializes in high-speed optical modules for data centers and telecom networks, focusing on scalable and reliable solutions.



Ciena provides innovative optical networking solutions and flexible modules suitable for large-scale deployments. Infinera offers integrated photonics and modular optical solutions, supporting high-capacity networks and cloud infrastructure. Eoptolink is a Chinese optical module solution provider, producing a wide range of high-performance modules and optical devices for ICT industries, including data centers, FTTx, LTE, and smart grids.

Accelink Technologies is a leading global optical communication supplier with a full industry chain layout, covering chips, modules, and systems, and specializes in optoelectronic devices and subsystems.

Other Notable Companies

Linktel and CIG Shanghai Co., Ltd. focus on optical module manufacturing and supply in China.

TFC and T&

S Communications are upstream optical device manufacturers supporting high-speed optical engines for 200G/400G/800G modules. Yuanjie Semiconductor and Shijia Photons are notable for high-speed optical chips, which are critical components of optical modules.

Market Trends

The optical modules market is projected to grow from USD 3.5 billion in 2024 to USD 8.2 billion by 2033, driven by data center expansion, 5G deployment, and cloud infrastructure growth.

Key evaluation criteria for optical modules include data rate, form factor, transmission distance, power consumption, reliability, and vendor support. These companies collectively dominate the global optical module industry, providing solutions for high-speed data transmission, telecom networks, and cloud computing infrastructure.

Frequently Asked Questions

What does an optical transceiver do?

Optical modules are mainly packaged by optoelectronic devices TOSA/ROSA, functional circuits and optoelectronic interface components. The optical t...

What is the optical module industry chain?

The upstream industry of optical modules mainly includes optical chips, optical components and optical devices, and the downstream industry mainly...

Who are the main manufacturers and suppliers in the optical module industry chain?

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut elit tellus, luctus nec ullamcorper mattis, pulvinar dapibus leo.

Article Content

The latest ranking of the TOP10 global optical module suppliers ...

A few days ago, LightCounting, a well-known market research organization in the optical communication industry, released the latest market report and updated the TOP10 ranking of global

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 industry chain for you.

Top Optical Modules Companies & How to Compare Them (2025)

Access detailed insights on the Optical Modules Market, forecasted to rise from USD 3.5 billion in 2024 to USD 8.2 billion by 2033, at a CAGR of 10.3%. The report examines critical market...

Global Optical Module Suppliers TOP10 Ranking Changes

Below are the changes in the global optical module supplier TOP10 ranking from 2021 to 2023, published by LightCounting, a market organization in the optical communications industry:

Top 10 Optical Module Brand & Manufacturers

After more than 20 years of hard work, O-Net Technology has grown into the world's largest supplier of optical communication components, modules and subsystems, and has taken the lead in multiple

Optical Module Chip Market 2025

The optical module chip market exhibits a fragmented yet competitive structure with global technology providers, semiconductor manufacturers, and specialized optical communication companies vying for

Optical Component Startup Tracker

The number of venture-backed optical component startups has exploded - the Optical Component Start-Up Tracker identifies these companies and their value propositions.

Top 10 Optical Module Manufacturers' Annual Reports ...

By 2025, its 800G optical module shipments will exceed 5 million units, making it the global "shipment champion" in the optical module industry, demonstrating significant economies of

Global rankings of optical module chips | Weyland

Note: This ranking reflects overall industry positions, not a strict chip sales leaderboard, but highlights the main players shaping the global optical module and optical module chip market today.

I remain bullish on AAOI and the CPO chart is the clearest picture of ...

AAOI's vertical integration, manufacturing its own laser chips, optical components and modules under one roof is precisely the capability required to compete in CPO, where co-design

Google's High-Speed Interconnect Architecture to Push 800G+ Optical ...

Google's next-generation TPU, Ironwood, integrates a 3D Torus network topology with the Apollo optical circuit switch (OCS) all-optical network, marking a major step forward in AI data

Optical Interconnect Market Size, Outlook 2026 - 2031

The Optical Interconnect Market worth USD 18.83 billion in 2026 is growing at a CAGR of 12.06% to reach USD 33.28 billion by 2031. 3M Company, Sumitomo Electric Industries, Ltd., TE

Optics, Photonics & Laser Systems Market Size, Share & Trends ...

Optics, Photonics & Laser Systems Market Segmentation Insights Product Type Lasers segment is expected to account for a significantly large revenue share in the global Optics, Photonics

Optical Transceiver Market Size, Share, Trends | Forecast

The global optical transceiver market size is projected to grow from \$17.15 billion in 2026 to \$46.12 billion by 2034, exhibiting a CAGR of 17.00%

Optical Transceiver Market Size, Share, Industry Report – 2035

Optical Transceiver Market Size The global optical transceiver market was valued at USD 13.4 billion in 2025. The market is expected to grow from USD 15.4 billion in 2026 to USD 28.6 billion in 2031 &

Optical Transceiver Companies

Cisco Systems, Inc. offers optical transceiver modules used in various networking applications, ranging from campus to data centers to service provider networks. Its pluggable optics innovation,

I highly recommend listening to this podcast. SUSS MicroTec's CEO ...

P Equity Research [@pequityresearch](#)). 29 likes. I highly recommend listening to this podcast. SUSS MicroTec's CEO, Burkhard Frick, got interviewed. A lot of key points made here: >

News Releases

Lumentum is a global leader in optical and photonic products, enabling high-bandwidth connectivity, precision sensing, and advanced

Contact Us

Continue your research online:

Website: <https://ensaa.es>

Technical inquiry: <https://ensaa.es/contact.html>

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

