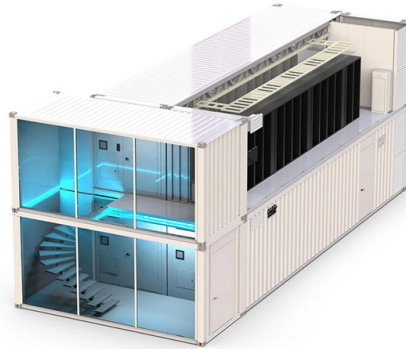


Manufacturer of 800G Optical Modules



AI Overview

Leading manufacturers of 800G optical modules include InnoLight, Coherent (II-VI), Lumentum, Accelink, Huawei, Source Photonics, and ESTEL. Key Global Manufacturers

InnoLight Technology: A Chinese company specializing in high-speed optical transceivers, offering modules for 100G, 200G, 400G, and 800G applications. InnoLight serves major cloud and telecom customers worldwide and has achieved batch delivery of 800G modules.

Coherent (formerly II-VI Finisar): Provides a full line of optical modules including 800G transceivers. Coherent focuses on high-speed optics and coherent technology for data centers and telecom networks.

Lumentum Operations LLC: Designs and manufactures 400G and 800G optical modules, emphasizing coherent optics and integrated laser technology for data center and cloud infrastructure.

Accelink Technology Co. Ltd: Based in China, Accelink produces optical transceivers and modules for high-speed networks, including 800G solutions, with a focus on cost-efficient and reliable performance.

Huawei Technologies Co. Ltd: Offers a broad range of optical transceivers, including 800G modules, supporting backbone, metro, and data center networks. Huawei invests heavily in coherent and silicon photonics technologies.

Source Photonics: A U.S.-headquartered company with strong manufacturing capabilities in Asia, producing 800G optical modules for cloud and hyperscale data center applications.

ESTEL: A European manufacturer producing high-performance 100G, 400G, and 800G optical transceivers for data centers, metro, and long-haul networks. ESTEL emphasizes local production, quality control, and advanced automation.

Other Notable Players

Eoptolink, Huagong Tech, Linktel, CIG Shanghai: Chinese companies active in high-speed optical module production, including 800G modules, serving telecom and data center markets.

Upstream PCB and Chip Suppliers: Companies like Unimicron Technology, Shengyi Electronics, Yuanjie Semiconductor, and Shijia Photons support the 800G module supply chain b...

Article Content

Global 800G Optical Module Market 2024 by Manufacturers, Regions,

Company Analysis: Report covers individual 800G Optical Module manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market

800G LPO Module | FS Inc. | Aug 2025

Without DSP processing, the FS 800G LPO module reduces end-to-end data transmission latency significantly than traditional optical modules. In place of

Market Insights: 800G & 1.6T Silicon Photonics Optical Modules

Traditional modules require additional lenses and mirrors to combine the eight laser beams into one before entering the fiber. These optical components, necessary for traditional

China's Optical Module Leader Eoptolink Sees Market Cap Surge

Driven by explosive demand for AI computing power, Eoptolink (300502.SZ), a leading Chinese optical module manufacturer, has seen its market

China's MTC Optoelectronics Nanchang Base Commences

The full-process manufacturing production line for the first batch of 400G and 800G parallel optical transceiver modules has completed equipment installation and debugging, and after

Optical Module Thermal Management in the AI Era: Cooling

Optical module thermal management solutions for 800G, 1.6T, silicon photonics and AI data centers. Discover thermal conductive tapes, gap pads, graphite heat spreaders and advanced

The Evolution of Optical Modules: 400G → 800G → 1.6T – A Strategic ...

Discover the evolution from 400G to 800G and 1.6T optical modules. Learn key technologies, CPO vs pluggable, and upgrade strategies for future-ready data centers.

AI Data Centers Drive Optical Transceiver Market Growth

Analysis of how AI and hyperscale data centers accelerate global optical transceiver adoption, including 400G/800G evolution, silicon photonics, CPO, and Link-PP integration for next

Global 800G Optical Transceiver Market Size, Share, Industry Trends ...

800G Optical Transceiver Market Overview 2026-2033 The 800G optical transceiver market represents a critical frontier in high-speed optical communication technology, designed to

800G Optics

Qualified for use across Juniper's 800GbE-capable PTX and QFX product families, Juniper offers an expanding portfolio of 800G optical transceivers in both QSFP-DD800 and OSFP800 formfactors.

Optical Transceiver Market: Top 10 Manufacturers Ranked

Optical transceiver market leaders: the top 10 manufacturers powering 400G and 800G modules for hyperscale data centers and AI networking.

#opticalmodules #diecasting #zincdiecasting #dfm #manufacturing #800g

How We Approach a New Optical Module Project (From RFQ to Mass Production) In high-speed optical modules (800G / 1.6T), success is rarely determined at the production stage. ☐☐ It's decided ...

10 companies in the optical transceiver industry chain 2024

The rapid development of AIGC has promoted the demand for 800G optical modules, and the entire industrial chain involving optical components, optical modules, and optical communication

Product-Optical Transceiver-ACON OPTICS

ACON OPTICS has more than 20 years of design and manufacturing capabilities, expertise in fiber optics interconnect and optical components for solutions in telecommunications, data center, Fiber to

The Evolution of 400G, 800G, and 1.6T Optical Modules

NADDOD, the leading optical modules manufacturer, offers a comprehensive range of transceivers across all rates and form factors, including 200G, 400G, 800G, and 1.6T. By delivering

EML vs VCSEL vs CW Laser: Optical Transceiver Guide (2025)

Most 800G DR8 and 2xFR4 transceivers use EML lasers for their clean modulation over longer distances. But with the current EML shortage, more 800G modules are shipping with CW

Global 800G Optical Module PCB Market 2025 by Manufacturers,

Chapter 2, to profile the top manufacturers of 800G Optical Module PCB, with price, sales quantity, revenue, and global market share of 800G Optical Module PCB from 2020 to 2025.

Pluggables, Power, and Geopolitics: Mapping the 800G and 1.6T

As of December 5, 2025, the market for high-speed datacom optical transceivers, specifically at the 800G and nascent 1.6T nodes, has been split into two distinct, yet symbiotically linked ecosystems:

Optical Modules Market Research Report 2034

II-VI Incorporated, which merged with Coherent Corp. in 2022, is one of the broadest-based compound semiconductor and photonics companies in the global optical modules supply chain, manufacturing

800G Optical Modules Explained: Standards, Types & Use Cases

Discover everything about 800G optical modules—standards, packaging, types & applications. Learn how they power AI, HPC & next-gen data centers.

Top Optical Transceiver Manufacturers List (2024)

InnoLight offers a complete line of optical modules for 100G, 200G, 400G, and 800G applications. Like II-VI (Finisar), InnoLight focuses on the high-speed optical transceiver market and

Global AI Optical Transceiver Market to Reach US\$26 Billion in 2026 ...

TrendForce's latest research indicates that the global market for AI-focused optical transceivers has entered a phase of rapid growth, with market size projected to expand from

Global 800G Optical Module Market Size, Share, Growth Analysis ...

800G Optical Module Market size was valued at 1.5 billion USD in 2025 & is estimated to reach 5.0 billion USD by 2034, exhibiting a CAGR of 15.0% from 2026-2034

Contact Us

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