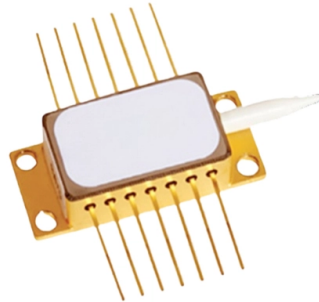


High-speed optical module company



AI Overview

Leading high-speed optical module manufacturers include Innolight, Eoptolink, Coherent Corp., ESTEL, TXOE, Hyper Photonix, Accelink, Lumentum, Sumitomo Electric, and Huawei, offering products from 100G to 1.6T for data centers, telecom, and AI infrastructure. Key Manufacturers and Capabilities

Innolight (Zhongji Innolight Co., Ltd.) is a global leader in datacom optical modules, providing high-speed solutions such as 100G, 200G, 400G, and 800G, with first-mover advantages in coherent and 800G modules. Their clients include major cloud vendors like Meta, Google, and Amazon, and they serve both telecom and data center markets.

Eoptolink Technology Inc., Ltd. specializes in high-speed optical modules, including point-to-point and PON modules. They offer over 2,800 product types, covering data broadband, Fttx, data centers, and smart grid applications. Eoptolink is expanding in silicon photonics and 800G modules, providing PAM4 and single-wavelength 100G solutions.

Coherent Corp. (USA) provides optical components and transceivers for datacom and telecom, including 400G ZR/ZR+ coherent links and 800G/1.6T modules. They focus on integrated optics and silicon photonics to enhance transmission capacity and energy efficiency.

ESTEL (Europe/USA) designs and manufactures high-performance optical transceivers for data centers, metro, and long-haul networks. Their modules include 100G, 400G, and 800G, with rigorous testing and local production ensuring quality and supply chain security.

TXOE (Texas Optical Electronics LLC) produces 1.6T, 800G, and 400G optical transceivers for AI infrastructure and hyperscale data centers. They support InfiniBand and Ethernet platforms, with annual production capacity up to 9 million modules.

Hyper Photonix offers high-speed optical transceivers from 40G to 1.6T, integrating silicon photonics and advanced packaging. They serve hyperscale data centers, AI/ML computing, supercomputing, telecom, and 5G networks, emphasizing high-volume automated...

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 industry chain for you.

SHIMADZU CORPORATION

Since 1875, Shimadzu is pursuing leading-edge science and technologies in analytical and measuring instruments including chromatographs and mass

Top Optical Transceiver Manufacturers List (2024)

Explore the top optical transceiver manufacturers and their market share. Stay informed about revenue figures and the latest developments in the industry.

Your Sustainability Transformation Partner | Fujitsu Global

Our purpose: Make the world more sustainable by building trust in society through innovation.

Home | Hamamatsu Photonics

The official website of Hamamatsu Corporation whose mission is to advance science and industry through photonic technologies. Our products include optical sensors and components, cameras, light

Co-Packaged Optics (CPO) Market Trends 2026: AI Data Center Optical ...

Explore the future of co-packaged optics (CPO) in AI data centers. Learn how silicon photonics, optical I/O, and high-speed optical interconnect technologies are shaping next-generation

High Speed Optical Receiver Modules

For over 30 years, MACOM has developed and manufactured the fastest, most sensitive and broadest wavelength photoreceivers available. Our experience in leading-edge technology allows us to

Xi'an Interwiser-best High-bandwidth digital processing system

These modules are designed to handle the high-speed processing of digital signals, making them essential for a wide range of applications, from telecommunications to military and aerospace

InnoLight Technology

InnoLight Technology has been a leading infrastructure enabler of cloud data centers, wireless networks, fiber-to-the-home, and metro up to long-haul optical networks ever since it was founded in April 2008.

Intelligent Power and Sensing Technologies | onsemi

The leader in intelligent power and image sensing technologies that build a better future for the automotive, industrial, cloud, medical, and IoT markets

All AI Data Center Interconnects Will Be Optical Within

All AI Data Center Interconnects Will Be Optical Within 5 Years InP and SiPho join CMOS as critical technologies. Lasers, CPO and OCS will be

Technology Partner for Optics, Photonics and Optoelectronics

As a global photonics company, we focus on optical technologies and use the potential of light to advance our customers in global markets!

Optical Connectivity for AI Infrastructure, Data Center & Telecom

Optimize your AI infrastructure, data center & telecom networks with Optcore. Premier source for high-speed transceivers, DAC/AOC & fiber solutions

Optical Transceiver Market: Top 10 Manufacturers Ranked

Source Photonics manufactures optical transceivers and components supporting high-speed broadband, wireless, and data center applications. The company's portfolio includes pluggable

Optical Component Startup Tracker

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

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

Lumentum: Leading provider of high-speed optical modules with a focus on data centers and telecom. Ciena: Known for innovative optical networking solutions and scalable modules. Infinera:...

Communications Test & Photonic Control Products | Luna

Explore Luna's communications test and photonic control products for optical component characterization, fiber network testing, polarization control, and photonic system development.

Linear Driver | Leading High Performance and Low Power Linear

Low-power, high-performance linear drivers for PAM4 and Coherent pluggable modules Industry-leading linear drivers for 100G to 1.6T PAM4 and Coherent-based optical modules provide cutting-edge

Mixed-signal and digital signal processing ICs | Analog

ADI's optical networking solutions power efficient, compact optical modules for data center, enterprise, and telecom markets.

Optical Transceiver: 400G, 800G, 1.6T and the Leap to

That helps decrease the electrical bottleneck between chip and optics. Silicon photonics integration brings modulators, lasers, and DSP on one

Intel® Silicon Photonics

At the Optical Fiber Conference in San Diego, Intel demonstrated an advanced optical compute Interconnect (OCI) Chiplet co-packaged with a prototype of a next-generation Intel CPU running live

KD — High-Speed Optical Connectivity Semiconductors

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

Networking Solutions for the Era of AI | NVIDIA

Accelerated Computing for Data Center Infrastructure The NVIDIA BlueField platform combines high-speed networking with powerful computing to accelerate data center infrastructure, unlocking new

The best supplier of spectrometer and power meter

YIXIST Technology Co., Ltd. is a smart device tech company that specializes in making spectrometers and optical power meters, ensure that we continue to

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.

High Quality Optical Module Wholesaler

By seamlessly integrating advanced silicon photonics, ultra high speed circuit and packaging designs, Hyper Photonix offers a comprehensive range of high-speed optical transceivers – with data rate

Contact Us

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