Optical Module Component Manufacturers

Overview

Top 100 Optical Component Manufacturers in 2026 | ensunDiscover all relevant Optical Component Manufacturers worldwide, including Zygo Corporation and Ultr.

Key Takeaways

Leading optical module component companies include established manufacturers like Zhongji Innolight and Molex, as well as innovative startups such as Akhetonics and EDWATEC, covering a wide range of optical and optoelectronic solutions.

Established Manufacturers

Zhongji Innolight Co., Ltd.: A high-speed optical module solution provider integrating R&D, design, packaging, testing, and sales of high-end optical communication transceivers. Their products serve data centers and telecommunications networks, and the company has a strong presence in the optoelectronic industry chain. Chengdu Eoptolink Communication Technology Co., Ltd.: Focuses on high-performance optical modules and devices for ICT industries, including FTTx, LTE, security monitoring, and smart grids.

Molex: Offers a comprehensive range of optical components, including thin-film filters, AWGs, MEMS-based switches, VOAs, circulators, and integrated photodetectors. Molex specializes in miniaturized, high-density, and highly reliable components for optical networks. Laser Components: Provides detectors, emitters, fiber optics, and other optical components for applications in sensor technology, biotechnology, aerospace, and medical technology.

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They manufacture components in Germany, Canada, and the US, ensuring high-quality production and customization.

ZEIS

S: Develops OEM optical and optoelectronic modules, including lenses, lighting modules, and wavefront manipulation solutions.

ZEIS

S focuses on precision, compact designs, and integrated solutions for industrial and medical applications.

Innovative Startups

Akhetonics: A German startup developing all-optical general-purpose processors, handling data entirely optically to reduce power consumption and component complexity.

EDWATE

C: Swiss startup specializing in rare-earth ion-doped photonic integrated circuits, enabling compact and scalable optical amplifiers and lasers for silicon photonics systems. Effect Photonics: Based in Eindhoven, focuses on low-power tunable laser assemblies and coherent DSP technology for optical interconnects, targeting AI data centers and high-speed communication networks.

Applications and Technologies

These companies provide components for a variety of applications: Telecommunications and Data Centers: High-speed transceivers, coherent optics, and WDM modules. Industrial and Medical: Precision lenses, lighting modules, and optoelectronic sensors.

Emerging A

I and Photonics: All-optical processors, silicon photonics, and quantum dot lasers. By combining established manufacturers with innovative startups, the optical module component industry offers a diverse ecosystem of solutions for high-speed communication, industrial automation, and advanced research applications.

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Article Content

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Discover all relevant Optical Component Manufacturers worldwide, including Zygo Corporation and UltraFast Innovations GmbH

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

Top 10 Optical Module Brand & Manufacturers

Top 10 Optical Module Brand & Manufacturers This section provides a list of the top 10 Optical Module manufacturers, Website links, company profile, locations is provided for each company.

Optical Components | Suppliers | Photonics Buyers'' Guide | Photonics ...

Explore 1,290 top manufacturers and suppliers of Optical Components in our comprehensive photonics buyers'' guide.

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

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.

Optical Component Startup Tracker

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

RP Photonics Buyer''s Guide

Here you find all 1765 registered suppliers in alphabetical order. Click on a letter to find the suppliers beginning with that letter (or with a digit) more quickly: Display filter for continents: Another way of

Inven 2026

Founded between 1930 and 2022, these companies specialize in optical components, custom optics, and photonic solutions tailored for various industries.

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OSFP Transceivers: High-Density Optical Connectivity from 400G to

The following analysis dives into the technology behind OSFP optics, performance evolution across speed classes, deployment considerations, and how LINK-PP, as a full-stack optical

Global logistics for optics: 2026 Lead times & Risks

Discover how 2026 global logistics for optics and DSP lead times impact 800G data center deployments. Learn to troubleshoot PAM4, FEC, and CMIS failures.

Electronic Components Manufacturer | Circuit

Electronic components from Bourns including circuit protection, resistors, sensors, magnetics, inductors, and potentiometers for reliable designs.

Industrial digital micromirror devices (DMDs) | TI

Our DLP® digital micromirror devices (DMDs) deliver fast, precise and programmable light modulation for a wide range of industrial applications. Built for reliability and high optical thoroughput, DLP

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

Shanghai Optics

Shanghai Optics design, manufacture and assemble custom lens systems/optical components from our global manufacturing facility. Learn about our capabilities, which includes diamond turning aspheric

SFP Optical Transceiver Modules for Long Distance: A Complete

Discover everything you need to know about SFP optical transceiver modules for long-distance fiber transmission. Compare LX, EX, ZX models and choose the right module for your

NVIDIA Announces Strategic Partnership With

NVIDIA today announced multiyear strategic agreements with Lumentum Holdings Inc. (NASDAQ: LITE) to accelerate innovation in 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.

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