

# What are some companies that produce coherent optical modules



## Overview

Key players in the optical transceiver market include Coherent Corp. (US), INNOLIGHT (China), Accelink Technology Co. (China), Lumentum Operations LLC (US), Sumitomo Electric Industries, Ltd. (Japan) . In today's high-speed optical communication, optical modules and photonic chips form the backbone of data center, 5G, metro, long-haul, and ultra-long-haul networks. Photonic chips such as lasers, modulators, photonic integrated circuits (PICs), coherent optical chips (CoP), and silicon photonics. The global coherent optical equipment market is driven by the growing demand for high-speed internet and data bandwidth, which is primarily fueled by the expansion of data centers and 5G networks. (US), Fujitsu. Make better lasers, laser systems, and optical assemblies by building with components that consistently deliver superior performance, exceptional reliability, and unmatched value - supplied by a company who keeps your production on schedule. The number of venture-backed optical component startups has exploded.



## Article Content

Hot

The 6 Companies Behind Coherent and Lumentum: The Real Leading

Below, we walk through why the six companies generate an order-of-magnitude different beta versus the big WFE names like AMAT and LAM, then go company by company on what to

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The Basics of Coherent Transmission

Coherent Optics Explained In the always-evolving world of communications, coherent optics deeply improved our ability to transmit at high capacity over vast distances. Coherent optical fiber

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What are Coherent Optics?

VIAVI has developed versatile, industry-leading solutions to support the unique design validation, compliance testing, and manufacturing requirements of coherent optical modules.

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Coherent Optical Modules: A Revolutionary Technology

Finally, the rise of Silicon Photonics and Co-Packaged Optics (CPO) is driving coherent modules toward higher integration and lower power, enabling

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Newsroom | Coherent

Stay up to date on all things Coherent related in our newsroom: blogs, press releases, news articles, and customer success stories, all in

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Lumentum acquires Coherent

Coherent's photonics and lasers businesses in the microelectronics, precision manufacturing, instrumentation, and aerospace & defence markets, will be combined with Lumentum's telecom,

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Coherent Unveils a Family of Integrated Circuits for Next

Coherent announced a new family of quad-channel integrated circuits that enable faster, more efficient optical transceivers for cloud, AI, and telecom

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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,

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Overview of 11 Photonic Quantum Computing

We've organized a list of the top photonics companies as of 2026. Read on to learn more about the state of the photonics industry.

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Coherent Corp.

Coherent Corp. is a world leader in engineered materials and optoelectronic components. The company develops and manufactures innovative products for a

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Optical Communications | Coherent

Coherent brings the world closer together with the industry's broadest portfolio of products for optical communications. The global optical network infrastructure

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Coherent Announces Alpha Availability of Novel Analog Optical

--Coherent Corp., a global leader in optical communications and laser-based technologies, announces the sample availability of its innovative new analog optical multi-link

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The Future of Telecommunications: Next-Generation

Are you curious about the next-generation coherent modules and how they are shaping the future of telecommunications? Join me as we dive into the

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Coherent Optical Equipment Market Size, Forecast

Coherent Optical Equipment Market Insights: The global coherent optical equipment market size was valued at USD 18.64 billion in 2018, and is projected to reach

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Optics | Coherent

Coherent possesses nearly every technology known for fabricating spherical, aspheric, and freeform surfaces, mostly made using high

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Top Coherent Optical Communication Equipment Companies & How

Acacia Communications: Specializes in coherent transceivers with high spectral efficiency. InnoLight: Offers innovative optical modules tailored for cloud data centers.

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Optical Manufacturing Capabilities | Coherent

Optical Manufacturing Capabilities Eliminate uncertainty and get guaranteed performance and scheduling by sourcing your optics from the world's most

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Listed companies that produce both optical modules and optical chips

Some publicly listed companies operate in both segments, developing photonic chips and producing complete optical modules, offering vertically integrated solutions. These companies ensure

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Coherent Optical Module Market Research Report 2033

These companies are at the forefront of technological innovation, offering a broad portfolio of coherent optical modules catering to diverse data rates, form factors, and application requirements.

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Coherent Optical Equipment Market Size, Share, Report, 2034

The global Coherent Optical Equipment Market report covered key company as Fujitsu Limited, Ekinops SA, Juniper Networks, Inc, NEC Corporation etc.

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Materials | Coherent

Materials From material blanks to finished components Start with the highest-quality materials when fabricating optical, photonic, and electronic devices, and use

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## Communication Components | Coherent

Communication Components Choose from our comprehensive offering of optical components optimized for datacom and telecom systems, data centers, and

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## Optical Transceivers | Coherent

Get the pluggable module performance you need from the manufacturer of choice for all major networking equipment vendors worldwide.

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## Coherent Optical Modules: A Revolutionary Technology

In the digital age, optical communication technology is evolving at an astonishing speed, and coherent optical modules, as its core components, are

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## Coherent Optics Technologies and Applications for Next-Generation ...

The development of optical coherent technologies has been a remarkable technical achievement. As indicated in Fig. 2, there has been a trend of introducing a new generation of coherent optical

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## Optoelectronic Devices | Coherent

Optoelectronic Devices Use these lasers, photodiodes, and associated integrated circuits for optical applications in navigation, interconnects, and sensing.

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## Optical Component Startup Tracker

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

Sep 29, 2025

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://eedenmarketing.co.za>

Email: [info@moletenare-ew.co.za](mailto:info@moletenare-ew.co.za)

Phone: +86 138 1658 3346

Address: Ningbo, China

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