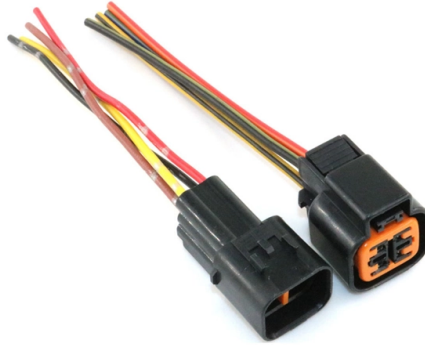


## Latest News on Optical Modules in 2024



### Overview

Total shipments of leading-edge datacom optical modules are projected to tally over US\$9 billion for 2024, according to the latest Optical Components Report from research firm Cignal AI. Our panel of editors reviewed 117 summaries of work by researchers from around the world. Well over 3 million high-speed datacom modules were shipped this quarter in support of AI. Recently, market research institution YOLE Group pointed out in its latest market report that in the datacom segment in 2024, the AI-driven optical module market will witness a year-on-year growth of 45%. 9 billion in 2023 but is expected to reach US\$22. 4 billion by. Optical and photonic modulators are technologically advanced devices that enable the manipulation of light properties—such as power and phase—based on input signals.



## Article Content

Goeroptics unveils its latest optical solutions at CES 2024, driving ...

/PRNewswire/ -- At CES 2024, which opened in Las Vegas on January 9, Goertek subsidiary Goeroptics showcased their latest array of optical display technologies...

Electronics News: Latest Industry Trends & Component

Electronics Weekly magazine brings electronics design engineers and professionals the latest component, industry and tech news and analysis, whitepapers and more.

SEMI: Global Semiconductor Equipment Sales Soar to \$117 Billion in

The latest report from the International Semiconductor Industry Association (SEMI) indicates that global semiconductor manufacturing equipment sales reached \$117.1 billion in 2024, a

The future of optical modulators and integrated photonics

Overall, industry and academic experts envision an exciting future for photonic devices, with advanced optical modulators and integrated technologies poised to revolutionize the field.

Datacom optical modules demand reaches record levels – Signal AI

Hyperscale network operator demand drove purchases of 400GbE and 800GbE datacom and 400ZR telecom optical modules to record levels, according to the 1Q24 Optical Components

(300308.SZ) | Stock Price & Latest News | Reuters

The raw materials required for the company's high-speed optical communication module products mainly include optical devices, integrated circuit chips and structural parts.

Optical Transceivers for AI-Driven Growth Datacom

By 2024, sales of optical modules for AI clusters are expected to surpass \$4 billion, up from \$2 billion in 2023 and less than \$2 billion in 2022. YOLE Group also forecasts that in the

Why China's optical communications sector is the latest AI boom ...

Optical modules, also known as optical transceivers, convert electrical signals to optical signals, and vice versa, for high-speed data transmission in networking and AI infrastructure systems.

AOI Leads Industry with 1.6T OSFP DR8 LPO Technology at ECOC 2024

“Our 1.6T OSFP DR8 LPO module exemplifies AOI's commitment to driving innovation in the optical communications industry, enabling faster, more efficient data transfer rates to meet the

POET Technologies Secures Financing of US\$400 Million in a

POET Technologies Inc. the designer and developer of Photonic Integrated Circuits light sources and optical modules for the AI and data center markets, today announced it has entered into

## Contact Us

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

Website: <https://www.activa.net.pl>

Email: [sales@activa.net.pl](mailto:sales@activa.net.pl)

Phone: +48 662 748 193

Address: ul. Cybernetyki 7B, 02-677 Warsaw, Poland

This document is for informational purposes only. Specifications subject to change without notice.

