

DAC optical module industry ranking



Overview

In 2025, the worldwide Active Optical Cable (AOC) and Direct Attach Cables (DAC) market reached \$ 6.2 Billion USD.

Key Takeaways

InnoLight Technology, Coherent (II-VI), and Cisco Acacia are among the top-ranked global optical module suppliers, with Chinese vendors increasingly dominating high-speed DAC and optical transceiver markets. Leading Global Manufacturers

The top players in the optical module industry, which includes DAC modules, are:

- InnoLight Technology (China) – Leading in high-speed optical transceivers (100G, 400G, 800G), with a market share of approximately 11% and strong growth driven by hyperscale cloud data centers .
- Coherent (USA, formerly II-VI Finisar) – Offers a broad portfolio from 10G to high-speed coherent modules, holding around 16% market share, and is a major supplier for data center and carrier networks .
- Cisco Acacia (USA) – Focuses on silicon photonics and high-speed interconnects, providing CFP-DCO, OSFP, and QSFP-DD modules .
- Broadcom (Avago) – Supplies a wide range of optical transceivers and system-on-chip solutions for networking and data center applications .
- Accelink, Eoptolink, Hisense Broadband (China) – Chinese vendors that have rapidly grown in the DAC and high-speed Ethernet transceiver segments, benefiting from local cloud and telecom demand .

- Intel, NeoPhotonics, Source Photonics, Hisilicon, Molex – Other notable suppliers with specialized or regional market presence .

Market Trends and Regional Insights

- China and Asia Pacific dominate the DAC and optical module market, accounting for nearly 39% of global revenue in 2025, driven by hyperscale data centers, 5G backhaul, and government broadband programs .
- High-speed adoption: 400G, 800G, and emerging 1.6T modules are increasingly deployed in AI and cloud data centers, with Chinese vendors like InnoLight and Eoptolink capturing significant market share .
- Specialist vs. Generalist: Companies like InnoLight and Eoptolink focus on high-speed Ethernet DAC modules (specialists), while Coherent and Accelink offer broader portfolios (generalists), influencing growth and profitability .
- North America and Europe are investing in open optical networking and coherent transceivers, creating opportunities for standards-based DAC modules such as 400ZR .

Summary

The DAC optical module industry is increasingly led by Chinese specialists (InnoLight, Eoptolink) in high-speed Ethernet segments, while US-based generalists (Coherent, Cisco Acacia, Broadcom) maintain strong positions across broader optical module portfolios. Market growth is fueled by AI workloads, hyperscale data centers, and 5G infrastructure, with Asia Pacific remaining the largest regional market through 2034 .

Article Content

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Fiber Optic Cable Market Size

The Fiber Optic Cable Market worth USD 14.22 billion in 2026 is growing at a CAGR of 9.84% to reach USD 22.74

Global Optical Module and DCI Market Size, Growth Trends, Industry ...

The Optical Module and DCI market is propelled by a confluence of drivers rooted in technological, economic, and

Optical Transceiver Market Size, Share, Trends | Forecast

The global optical transceiver market size is projected to grow from \$17.15 billion in 2026 to \$46.12 billion by 2034,

Optical Module Chip Market 2025

The optical module chip market exhibits a fragmented yet competitive structure with global technology providers, semiconductor

Optical Modules Market Analysis 2026

Competitive Landscape of the Optical Modules Market The aggressive panorama of the optical modules market is characterized by a

Top 10 Global Optical Modules in 2023: Chinese Manufacturers

Recently, LightCounting, a market research institution in the optical communication industry, released the latest version

Top 10 Optical Module Manufacturers' Annual Reports ...

Its analog integrated circuit chip shipments consistently rank among the top three in China, serving leading domestic

Top Companies in the Optoelectronics | Industry 2026

The top companies in the optoelectronics industry in 2026, including leading manufacturers of LEDs, image sensors,

The Top 10 Competitiveness Enterprises in the Optical

In the list of the top 10 global most competitive companies in optical devices and optical modules in 2025, Zhongji Innolight is at the

Chinese Optical Modules Own 7 of the Top 10 Seats. So Why Are

Seven of the global top 10 optical module suppliers in 2024 were Chinese companies (including Source Photonics,

Optoelectronics Market Size, Demand Forecast 2025 - 2030

By application, lighting and display accounted for 37% share of the optoelectronics market size in 2024; optical

LightCounting :: May 2025 Optical Vendor Landscape

The report also includes a review of the latest mergers and acquisitions and their impact on the market landscape. This report takes

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