

Shipments from optical module manufacturers



Overview

Below are the changes in the global optical module supplier TOP10 ranking from 2021 to 2023, published by LightCounting, a market organization in the optical communications industry: Below are the changes in the global optical module supplier TOP10 ranking from 2021 to 2023, published by LightCounting, a market organization in the optical communications industry: BOSTON (May 7, 2025) – After explosive growth in 2024, 800G Datacom optics for AI and general computing applications will be the fastest growing segment of the market in 2025, according to the latest Optical Components Report from research firm Cignal AI. 6T optics will enter volume production in. The figure below illustrates the changes in the TOP10 list of optical transceiver suppliers over the last 15 years. A majority of the Japanese and US-based suppliers exited this market by 2020, while Chinese vendors improved their rankings. The key growth driver is the rising demand for 800G Ethernet optical modules. The global optical module supplier Top 10 ranking has changed dramatically over the past decade or so, with only one Chinese company, WTD, ranked ninth in the global optical module shipment Top 10 list in 2010, and only three Chinese companies, Hisense Broadband, Eoptolink,

and Xutron, on the. Optical module packages integrate multiple photonic components including optical transmitters (TOSA with laser chips), receivers (ROSA with detector chips), and supporting electronics into standardized form factors. Unit shipments of 400G and 800G modules have grown nearly fourfold over the past 12.

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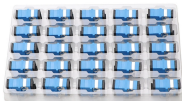
In the 2021 annual optical module shipments TOP10 list released in 2022, the number of Chinese enterprises has increased to five, with the addition of HISILICON and Eoptolink, and the Japanese ...



Competition in the 400G optical module segment intensified in 2023, with over 20 manufacturers entering the market, leading to a 12% decrease in average selling prices.



While demand for optical modules continues to grow, manufacturers face significant production challenges that constrain market growth. The assembly and testing of high-speed optical modules ...



The datacom optical component market will grow 60%+ to reach over \$16B in revenue during 2025, based primarily on continued growth in 400G and 800G shipments. Innolight, Coherent, ...



BOSTON (January 7, 2025) – Total shipments of leading-edge datacom optical modules are projected to tally over \$9 billion for 2024, according to the latest Optical Components Report from research firm ...



Recently, LightCounting, a well-known market research organization in the optical communication industry, released the latest issue of its market report and updated the TOP10 ranking of global ...



800G modules drive optical market recovery in Q2 2025, with initial 1.6T shipments. This article highlights key trends in data center optics and AI infrastructure investment.



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

Website: <https://www.gdroofing.co.za>

Email: sales@gdroofing.co.za

Phone: +27 72 418 9365

Address: 22 Electron Avenue, Isando, Johannesburg, 1600, South Africa

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