

2021 Optical Module Exports



Article Overview

Global optical module revenues reached significant levels in 2021, driven by datacom growth and the transition to 400GbE modules, with top suppliers including Xutron Technology and II-VI/Finisar.

Market Overview

In 2021, the total revenue for optical components across telecom, datacom, industrial, and consumer segments grew 15% to US\$14.5 billion. Datacom optical components led the growth, increasing 27% to US\$4.7 billion, fueled by hyperscale datacenter expansion and the shift from 100G to 400GbE modules . Telecom, consumer, and industrial segments also contributed, with industrial optical components growing 18% following a weak 2020, while consumer 3D sensing components remained flat due to cost reductions offsetting higher unit shipments .

Shipment Trends

- 400GbE datacom modules saw record shipments, doubling in 2021 as cloud operators and enterprise customers upgraded their networks .
- Coherent and direct-detect telecom modules continued to be significant, though supply chain constraints limited growth in the telecom segment .
- Compact modular sales outperformed overall optical hardware, while Packet-OTN sales declined .

Leading Suppliers

The top global optical module suppliers in 2021 included:

- Xutron Technology – tied for first place in market share.

Article Content

Optical Transceivers for Datacom & Telecom Market 2021

The high number of players shows how fragmented the optical modules industry is. Despite the effort to find all top players on the

Optical Modules Market by Type and Application

Optical Modules Market By Type (Optical Receiver Modules, Optical Transceiver Modules, Optical Transmitter Modules, Optical

Datacom leads significant optical component revenue growth in 2021 ...

After the usual first quarter sequential slippage, optical component sales showed steady growth in 2021, according to Signal AI.

Global Data Center Optical Module Market 2021: By Key Players,

The Global data center optical module market is estimated to grow at a significant CAGR during the forecast period (2021-2027).

Optical Module Market Size, Competitors & Forecast to 2032

The Optical Module Market, valued at USD 30.01B in 2026, is projected to reach USD 66.94B by 2032, growing at a 14.1% CAGR.

LightCounting :: The TOP10 Transceiver Suppliers for 2024

The net income of the optical component and module vendors was \$0.9 billion, versus \$109 billion for the cloud providers in 2021,

4Q21 Optical Components Report

This report is the final version of Signal AI's Optical Components Report for 4Q21. This edition (the second release and

Optical Module Exports | optical module export price | Zaub

Information and reports on Optical Module Exports along with detailed shipment data, import price, export price, monthly trends,

Connecting Global Competence Trend Report Photonics

Photonic Sensor Technology for Automated Process Control Exploiting optical technologies for industrial applications has been an

Optical Module Package Market 2025

Optical Module Package Market was valued at 8942 million in 2024 and is projected to reach US\$ 20220 million by 2032, at a CAGR

LightCounting :: May 2021 Integrated Optical Devices

This report provides an in-depth analysis of the impact made by integration on the market for optical transceivers and related

Optical Modules Market

Optical Modules Market - Significant Industry Insights This research report is a meticulous assessment of the optical modules

Microscopes, optical, nes exports by country |2021

Microscopes, optical, nes exports by country in 2021 Change selection (Reporter, Year, Trade Flow, Partner and HS 6 digit Product)

Executive summary – Solar PV Global Supply Chains

Global capacity for manufacturing wafers and cells, which are key solar PV elements, and for assembling them into solar panels (also

Optical Modules Market Size, Trends & Forecast 2025-2035 | Core

Discover Optical Modules Market trends, growth analysis, key segments, and regional insights. Forecast 2025-2035. Explore

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