

Global Optical Devices and Modules



Overview

This report aims to provide a comprehensive presentation of the global market for Optical Modules, focusing on the total sales volume, sales revenue, price, key companies market share and ranking, together with an analysis of Optical Modules by region & country, by. This report aims to provide a comprehensive presentation of the global market for Optical Modules, focusing on the total sales volume, sales revenue, price, key companies market share and ranking, together with an analysis of Optical Modules by region & country, by. SCALE CPO solution is the industry's first OCI MSA capable platform and built with GF's proven silicon photonics technology MALTA, N., May 4, 2026 - GlobalFoundries (Nasdaq: GFS) (GF) today announced the introduction of its SCALE™ optical module solution for co-packaged optics (CPO). According to the company, the Silicon photonics Co-packaged Advanced Light Engine (SCALE) solution is the industry's first Optical Compute Interconnect Multi-Source Agreement (OCI. Optical Module Chip Market size was valued at US\$ 823 million in 2024 and is projected to reach US\$ 1. 52 billion by 2032, at a CAGR of 8.



Article Content

Worldwide standard for optical metrology

We offer optical measurement and manufacturing systems for quality control and assembly of lenses, lens systems, camera modules.

Lumentum

North Carolina site expands domestic production of Indium Phosphide (InP) devices
Lumentum Holdings Inc. ("Lumentum"), a global leader in optical and photonic solutions for cloud

Optical Module Industry Statistics 2026

Our in-depth market data report on Optical Module Industry. Explore verified statistics and the latest research.

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

PLC Splitter Market Size, Share | Global Forecast

PLC SPLITTER MARKET SEGMENTATION By Type Based on type the global market can be categorized into PLC Splitter Chips, Compact Devices and Modules. PLC Splitter Chips: PLC

\$POET EARNINGS REPORT The 2025 Annual Report for POET

Strategic Partnerships: Collaborations with NTT Innovative Devices, Semtech, and Siivers Semiconductors confirm that POET's Optical Interposer is being integrated into the broader AI

Photonic Crystals Market Research Report 2024-2030: Surging

Photonic Crystals Market Photonic Crystals Market Dublin, March 05, 2025 (GLOBE NEWSWIRE) -- The "Photonic Crystals - Global Strategic Business Report" report has been added

OFC 2026 Special: Arista Leads XPO Launch as Three

Discover the major industry shift at OFC 2026 as Arista Networks and global leaders unveil the XPO MSA, Open CPX, and OCI MSA to solve AI data

GlobalFoundries accelerates adoption of co-packaged optics for

GF's SCALE CPO solution and silicon photonics technology offer an advanced portfolio of fully-qualified photonic devices, such as 50Gbps and 100Gbps micro-ring modulators, coupled ring

GlobalFoundries Launches Industry-First SCALE Optical Module...

GF's SCALE solution isn't just about more bandwidth—it introduces a suite of fully-qualified photonic devices such as 50Gbps and 100Gbps micro-ring modulators and integrated

Market Study on Global Germany 5G Optical Module 2026-2033

The Germany 5G Optical Module market refers to the sector involved in the production and deployment of optical modules that facilitate high-speed data transmission for 5G networks. These

Optical Modules

This report aims to provide a comprehensive presentation of the global market for Optical Modules, focusing on the total sales volume, sales revenue, price, key companies market share and

Optical Transceiver Market Size, Share, Analysis 2030

The global Optical Transceiver Market size in terms of revenue was estimated to be worth \$13.6 billion in 2024 and is poised to reach \$25.0 billion by 2029, growing

GlobalFoundries' Unveils Optical Module Solution Targeting CPO

MALTA, N.Y., May 5, 2026 — GlobalFoundries (GF) has introduced an optical module solution for co-packaged optics (CPO). According to the company, the Silicon photonics Co-packaged Advanced

GlobalFoundries Announces New Co-Packaged Optics Solution for AI

GlobalFoundries (GF) announced the introduction of its SCALE™ optical module solution for co-packaged optics (CPO). GF's Silicon photonics Co-packaged Advanced Light Engine (SCALE)

Optical Device Market Growth 2026-2032

Global demand for high-performance lenses, sensors, and optical modules will reshape industry standards, while emerging markets drive volume growth and localized manufacturing. ☐☐ ...

Global AI Optical Transceiver Market to Reach US\$26 Billion in 2026 ...

TrendForce's latest research indicates that the global market for AI-focused optical transceivers has entered a phase of rapid growth, with market size projected to expand from

Co-Packaged Optics (CPO) Market Trends 2026: AI Data Center Optical ...

Explore the future of co-packaged optics (CPO) in AI data centers. Learn how silicon photonics, optical I/O, and high-speed optical interconnect technologies are shaping next-generation

Micro-Optical Imaging Lens Module See recent industry activity

The Global Micro-Optical Imaging Lens Module Market Study explored substantial growth with a CAGR of 8.6%. According to the report, The Micro-Optical Imaging Lens Module Market is

Co-Packaged Optics Market Report 2025-2030

The market for Co-Packaged Optics is undergoing revolutionary transformations that are reshaping the technological and economic framework

Top 10 Leading Companies in the Global Optical

Leadership in APAC telecom markets Focus on energy-efficient optical devices .

Broadcom Inc. (US) Broadcom is a semiconductor giant with a

\$INTC \$TSM \$GFS \$AMKR SCOPE AND SCREEN The publicly

The asset set is strategically important to optical transport, datacenter interconnect, coherent optics, and co-packaged optics roadmaps. (Semiconductor Industry Association)

Optical Modules Market Size, Growth Trends & Forecast

Access detailed insights on the Optical Modules Market, forecasted to rise from USD 3.5 billion in 2024 to USD 8.2 billion by 2033, at a CAGR of 10.3%.

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Mixed-signal and digital signal processing ICs | Analog

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SHIMADZU CORPORATION

Since 1875, Shimadzu is pursuing leading-edge science and technologies in analytical and measuring instruments including chromatographs

GlobalFoundries Announces New Co-Packaged Optics Solution for AI

GlobalFoundries (GF) announced the introduction of its SCALE™ optical module solution for co-packaged optics (CPO).

Optical Module Chip Market 2025

This market research report provides a comprehensive analysis of the global and regional Optical Module Chip markets, covering the forecast period 2025-2032. It offers detailed insights into market

Contact Us

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