

Optical Module Concept News



Overview

Pluggable optical solutions have been around since 2016, but integrated solutions — namely OBO, NPO and CPO — are now bringing massive improvements in transport capacity and especially processing for AI systems, says Counterpoint Research's Silicon Photonics (SiPh) and Co-Packaged. Pluggable optical solutions have been around since 2016, but integrated solutions — namely OBO, NPO and CPO — are now bringing massive improvements in transport capacity and especially processing for AI systems, says Counterpoint Research's Silicon Photonics (SiPh) and Co-Packaged. MALTA, N., 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 Light Engine (SCALE) solution is the industry's first Optical Compute Interconnect Multi-Source Agreement (OCI. MALTA, N. 9B by 2029, fueled largely by AI data centers. Read on to learn key CPO trends shaping AI systems in 2026 and the challenges designers will need to. Yole Group attended OFC 2026 with a dedicated team of analysts on site, actively engaging with major players in the photonics ecosystem throughout the event. In addition to hosting a dedicated photonics market briefing, Scaling Datacom Optical Technologies for Next Generation Networks, and. Kyocera Corporation (President: Hideo Tanimoto, hereinafter "Kyocera") is pleased to announce the development of a pluggable optoelectronic module (OSFP-XD*1) supporting the PCIe®*2 6.

Article Content

GlobalFoundries" Unveils Optical Module Solution Targeting CPO

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Broadcom Extends Technology and Volume Leadership on AI Optical

PALO ALTO, Calif., March 13, 2024 (GLOBE NEWSWIRE) -- Broadcom Inc. (NASDAQ: AVGO), the world's leading provider of fiber optic components for optical networking and communications, today

Optical Module Technology Roadmap | 800G to 3.2T Evolution

Explore the future of optical module technology from 800G to 1.6T, 3.2T and beyond. Comprehensive roadmap covering silicon photonics, CPO, coherent datacom, and AI-optimized

GlobalFoundries accelerates adoption of co-packaged optics for

GlobalFoundries accelerates adoption of co-packaged optics for advanced AI data centers with SCALE optical module solution PRESS RELEASE GlobeNewswire May. 4, 2026, 08:30

AI infrastructure accelerates the shift to scalable optical systems ...

OFC 2026 confirmed that AI infrastructure is now the main demand driver for optical networking, with most major announcements focused on bandwidth scaling, power efficiency, and

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

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

Email: sales@activa.net.pl

Phone: +48 662 748 193

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

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