

State-of-the-art optical module



Overview

Built on decades of photonics innovation, Lumentum delivers high-performance lasers, modules, and optical subsystems that enable scalable, energy-efficient data center connectivity, advanced telecom networks, industrial manufacturing, and sensing applications., May 04, 2026 (GLOBE NEWSWIRE) -- GlobalFoundries (Nasdaq: GFS) (GF) today announced the introduction of its SCALE™ optical module solution for co-packaged optics (CPO). GF's SCALE solution, or Silicon photonics Co-packaged Advanced Light Engine solution, is the industry's first Optical. SANTA CLARA, Calif. (NASDAQ: LITE) to accelerate innovation in advanced optics technologies, including research and development, to enable next-generation AI. December 2025 Update: Datacom optical market growing 60%+ to exceed \$16B in 2025. 800G transceiver shipments achieving 100% YoY increase.

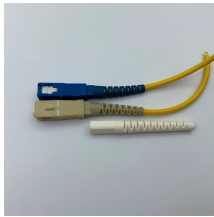
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GlobalFoundries has introduced its SCALE optical module solution for co-packaged optics, designed to support high-bandwidth AI data centre interconnects.



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Optical circuit switching suits organizations with dynamic workload patterns and scale matching Google's deployment profile. The power and cost savings prove substantial at hyperscale. ...



A groundbreaking advancement in optical interconnect technology, the new 800G optical interconnect leverages Intel's cutting-edge silicon photonics platform, renowned for its manufacturing ...



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 ...



This pioneering chipset introduced key innovations, including high-density integrated optical engines, edge coupling, and detachable fiber connectors. Building on that success, the ...



The platform integrates electrical ICs on single-digit advanced nodes, enabling optimization between best-in-class compute and state-of-the-art optics without compromising performance.



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Contact Us

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