

**ABSTRACT:** This white paper reports on the interoperability evaluation of 100GBASE-ZR and 800ZR optical pluggable modules, conducted during the OIF ECOC 2025 Plugfest.

Coherent Corp. will introduce major upgrades to its Multi-Rail technology platform at ECOC 2025, targeting hyperscale optical transport with new efficiency, scale, and performance ...

Different optical modules, such as EML, DML, and VCSEL, place varying demands on SerDes equalization. An LPO-first SerDes architecture ensures interoperability with all types of ...

The industry's first dual-laser QSFP28 DCO module for single-fiber, bi-directional applications delivers 10x capacity upgrades on existing 10G infrastructure. Powered by the low ...

The company's innovations cover everything from ultra-fast interconnects for AI/ML workloads to next-generation optical transceiver modules. Each solution targets the growing ...

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Delivering power-efficient, compact optical links optimized for short-reach AI/ML datacenter interconnects, this 1.6T (32x50G) array is designed for scale-up networks, enabling low ...

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By separating the laser source from the optical engine and placing it at the system faceplate, these modules improve thermal management and reliability, while their design enhances ...

At ECOC 2025, Nokia showcased two marquee solutions that pitch its focus for the future of optical networking: the ICE-X 800G intelligent coherent pluggable and a Hyperscale Open Line System (OLS).

Live demonstrations of the 800G 4x226.8G PAM4 FR4/LR4 QSFP-DD optical modules will be conducted during the ECOC'24 exhibition, together with 1.6T, 800G, 400G/800G 2PIC, ...

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CMIS & OIF provide a consistent definition of advanced Optical modules for disaggregated host and module

environments. OpenConfig and CLI provide optical information thru ...

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