

# Botswana door-to-door shipping of 800G coherent optical modules

Cignal AI has sharply increased its forecast for 800ZR and 800ZR+ pluggable coherent modules to over 200,000 shipments in 2026.

800G modules drive optical market recovery in Q2 2025, with initial 1.6T shipments. This article highlights key trends in data center optics and AI infrastructure investment.

The power and performance of Gen120C optical modules enable long-distance 400G and 800G coherent transmission, with performance comparable to traditional on-board solutions.

Equipment and electrical serdes can evolve through 3 generations (25 Gb/s, 50 Gb/s or 100 Gb/s) without changing the optical interface that interconnects your equipment.

800G Coherent project Goal: To enable interoperable, cost-effective, single-lambda 800G coherent interfaces for small- form-factor modules Project started Nov-2020

BOSTON (July 28, 2025) - Cignal AI has sharply increased its forecast for 800ZR and 800ZR+ pluggable coherent modules to over 200,000 shipments in 2026. The latest Active Insight update, ...

Cisco QSFP-DD and OSFP 800G coherent optical modules are supported on Cisco switches and routers. For more details, refer to the Cisco Transceiver Modules Compatibility Matrix.

Pluggables, Power, and Geopolitics: Mapping the 800G and 1.6T Optical Transceiver Battle How AI Demand Is Reshaping Market Share, Supply Chains, and Valuations.

Furthermore, driven by escalating demands from AI technology, shipments of 800G optical transceivers are projected to grow by 100% year-over-year in 2025. The market will also see the initial shipments ...

Following the success of 400G ZR/ZR+ digital coherent optics (DCO), customers are looking for an 800G version of DCO to upgrade their transmission speed to the next level.



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