



Delivery Date Coherent Optical Module QSFP

Article Overview

The Coherent dual-laser QSFP28-DCO module is generally available starting March 2026.

The Coherent QSFP28-DCO module is designed for bi-directional 100G coherent transmission over a single fiber, making it ideal for fiber-constrained network environments . This module allows network operators to extend reach up to 300 km and achieve up to a 10x capacity upgrade compared to legacy 10G links, while maintaining compatibility with existing equipment . The compact QSFP28 form factor ensures ease of deployment and operational simplicity. For higher-capacity applications, Coherent also offers 800G QSFP-DD and OSFP coherent optics modules, which support 800G traffic over DWDM links up to 120 km for 800ZR and over 1000 km for 800G ZR+ . These modules are mechanically compliant with QSFP-DD and OSFP standards, providing flexibility for data center interconnects and metro/regional networks. In summary, if you are planning to procure the dual-laser QSFP28-DCO, you can expect availability from March 2026 onward. For larger-scale or higher-speed deployments, the 800G QSFP-DD modules are already available and suitable for long-reach coherent optical networks .

Mar. 28, 2025. Coherent announces general availability of its 800G ZR/ZR+ transceiver in QSFP-DD form factor. This launch

Click to get your 800G/400G Coherent OSFP/QSFP-DD transceiver modules from nearby warehouses. 30-Day Free Return. Trusted

“The availability of our 800G ZR/ZR+ QSFP-DD module marks another significant step in delivering innovative, high

Cisco's comprehensive portfolio of QSFP-DD modules support 400G and 800G data rates

Product overview The Cisco QSFP28 100G ZR module expands the portfolio of digital coherent optics (DCO) modules to connect

QSFP Family Evolution QSFP+ (Original Quad Small Form-Factor Pluggable) The original QSFP+ module supports 4

Marvell Collaborates with InnoLight on the Launch of 100G QSFP-DD Optical Module Portfolio for 5G Backhaul and



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Networking Quadwire® QSFP-DD Active Optical Cables Drive high-speed connectivity enabled by multiple

A range of new coherent optical modules, including CFP-DCO, CFP2-DCO, OSFP-DCO, and QSFP-DD DCO have

The QSFP-DD 800G transceiver utilizes coherent optical communication technology and DSP chips to achieve high

The 400G QSFP-DD ZR+ is a C-Band optical frequency tunable coherent optical module, combines 7nm coherent

Cisco QSFP-DD and OSFP 800G coherent optical modules are

The FTCD3312R1BCL CFP2 Digital Coherent Optics (DCO) transceiver supports

Mar. 28, 2025. Coherent announces general availability of the industry's first 100G ZR QSFP28-DCO featuring 0dBm optical output

To meet the soaring demand for high-speed data traffic management from AI/ML, IoT, and metaverse applications as

The dual-laser QSFP28-DCO is generally available beginning in March 2026. The solution leverages the same

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