

Manufacturer s 800G Optical Module QSFP-DD



Overview

Amphenol's 800G QSFP-DD optical modules include 2xFR4(plus), 2xLR4, AOC, and AOC break-out series, which adopt LC or MPO optical ports and are compatible with IEEE802. 3, OIF-CMIS, and other standards. It is mainly used in 800G Ethernet applications and other environments. COMPLIANT WITH QSFP-DD MSA, IEEE802. Cisco® QSFP-DD and OSFP 800G ZR/ZR+ coherent optics modules enable 800G traffic over. Cisco QSFP-DD and OSFP 800G ZR/ZR+ digital coherent optics modules enable 800G traffic over amplified Dense Wavelength-Division Multiplexing (DWDM) links up to 120 km for 800ZR and over 1000 km for 800G ZR+. 800G Digital Coherent Optics (DCO) transceivers are available to support various Dense Wavelength Division Multiplexing (DWDM) applications including Data Center Interconnect (DCI) up to 120km. The FS® 800GBASE Quad Small Form-Factor Pluggable (OSFP/QSFP-DD) portfolio offers customers a wide variety of high-density and low-power 800 Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider. FS provides an expanding portfolio of 800G OSFP/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility.



Article Content

800Gb/s QSFP-DD Transceivers

Amphenol's 800G QSFP-DD optical modules include 2xFR4(plus), 2xLR4, AOC, and AOC break-out series, which adopt LC or MPO optical ports and are compatible with IEEE802.3, OIF-CMIS, and

Cisco QSFP-DD and OSFP 800G ZR/ZR+ Coherent Optics Modules

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.

800G QSFP-DD Cable and Transceiver Modules Data Sheet

Product overview The FS® 800GBASE Quad Small Form-Factor Pluggable (OSFP/QSFP-DD) portfolio offers customers a wide variety of high-density and low-power 800

800G OSFP/QSFP-DD | Transceiver Modules

FS provides an expanding portfolio of 800G OSFP/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility. The 800G

800G DR8 QSFP-DD Optical Transceiver

Digital diagnostic functions are available via the I2C interface, as specified by the QSFP-DD MSA. The optical transceiver is RoHS compliant as described in

Global Optical Transceiver company

QSFP28 / QSFP-DD / OSFP modules for modern networks We deliver high-performance 100G, 400G and 800G optical transceivers optimized for data

OptiModule — High-Performance Optical Transceivers 10G to 800G ...

OptiModule by eSeeSky Inc. — Enterprise optical transceivers from 10G to 800G. SFP+, QSFP28, QSFP-DD, OSFP. MSA compatible, RoHS certified, ships worldwide.

800G Optics

Qualified for use across Juniper's 800GbE-capable PTX and QFX product families, Juniper offers an expanding portfolio of 800G optical transceivers in both QSFP-DD800 and OSFP800 formfactors.

QSFP-DD Transceiver Market Evolution: \$26.5B by 2033 Analysis

The QSFP-DD Optical Transceiver Market is characterized by a dynamic and competitive ecosystem, featuring established multinational corporations and specialized optical module

Cisco QSFP-DD and OSFP 800G ZR/ZR+ Coherent Optics Modules

The 800G QSFP-DD and OSFP coherent optics expand Cisco Routed Optical Networking applications to include 800G links. The 800ZR modules leverage the Optical Internetworking Forum (OIF)

800G Optical Transceivers: The Guide for AI Data Centers

The complete guide to 800G Optical Transceiver standards (QSFP-DD vs. OSFP). Overcome supply shortages and scale your AI data center with Utmel Electronic.

HTF DWDM equipment,OTN Solution,QSFP28 OSFP

OCS OCS Optical AI and Data Center Networking 200G QSFP-DD/QSFP56 400G QSFP-DD/OSFP/QSFP112 800G QSFP-DD/OSFP 1.6T OSFP-XD

Optical Transceivers | Coherent

Optical Transceivers Get the pluggable module performance you need from the manufacturer of choice for major networking equipment vendors worldwide.

Co-Packaged Optics (CPO) 2026: Complete Technical Guide

CPO switches are shipping in 2026. Learn how co-packaged optics work, which platforms are live, power savings vs pluggable, and what optics you still need.

Data Center Optical Transceiver Market Size, Share, Trends

The 800G standard is in active volume ramp. Following the IEEE 802.3df standard ratification, multiple vendors have launched or are sampling 800G QSFP-DD and OSFP modules with silicon photonics

Global Optical Transceiver Market Strategic Audit 2026

The current super-normal profits generated by 800G modules have incentivized aggressive brownfield capacity expansions. As upstream optical chip yields improve and assembler

The Evolution of 400G, 800G, and 1.6T Optical Modules

NADDOD, the leading optical modules manufacturer, offers a comprehensive range of transceivers across all rates and form factors, including 200G, 400G, 800G, and 1.6T. By delivering

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

OEM-compatible optical transceivers from 1G to 800G—SFP, SFP28, QSFP28, QSFP-DD & OSFP. MSA-compliant, TAA-certified, lifetime warranty. Find your module today.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

