

Nigerian Certified Active Optical Module QSFP-DD



Overview

The QSFPDD-SR8-400G Module supports link lengths of up to 70m (100m) over OM3 (OM4) Multimode Fiber with MTP/ MPO connectors. 3bs protocol and 400GAUI-8/CEI-56G-VSR-PAM4 standard. The 400 Gigabit Ethernet signal is carried over eight wavelengths. Cisco offers a comprehensive range of pluggable optical modules in the Cisco® pluggables portfolio. The wide variety of modules gives you flexible and cost-effective options for all types of interfaces. Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D. FIBERTOP Optical Module Factory QSFP-DD 400G supports 400Gbps data rates, provides reliable high-bandwidth connections for high-density data centers and backbone networks, supports the construction of internal core networks for long-distance fiber communications, and helps telecom operators achieve. Electrical Characteristics (EOL, TOP = 0 to +70 °C, VCC = 3.465 Volts) NOTE: The Active Optical Cable requires an electrical connector compliant with the QSFP-DD MSA be used on the host board to guarantee its electrical interface specification.

Article Content

Aug 27, 2025

Cisco 400G Digital Coherent Optics QSFP-DD Optical Modules

Thanks to the miniaturization of the technology with a 7-nm manufacturing procedure and innovation in silicon photonic technology, it is now possible to squeeze a 400G-capable Digital Coherent WDM ...

Jun 23, 2026

FCBx850QE2Cyy_Quadwire_400G_Ethernet_QSFP-DD_Active_...

NOTE: The Active Optical Cable requires an electrical connector compliant with the QSFP-DD MSA be used on the host board to guarantee its electrical interface specification.

May 03, 2026

400G QSFP-DD Cable and Transceiver Modules Data Sheet | FS

It provides a QSFP-DD-to-QSFP-DD copper direct-attach solution. They are suitable for very short links and offer a cost-effective way to establish a 400-Gigabit link between QSFP-400G ...

Feb 26, 2026

QSFP-DD Product Family » Acacia

Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D Siliconization. Supports an expansive list of interoperability ...

Jan 01, 2026

400G QSFP-DD Active Optical Cable 400G QSFP-DD Active ...

er longer distances in modern data centers and enterprise networks. Featuring QSFP-DD connectors on both ends, it supports data rates of 400 Gbps through eight 50 Gbps lanes, ...

Oct 08, 2025

QSFP-DD TRANSCEIVERS for 400G and 800G | Smartoptics

QSFP-DD is the most widely adopted form factor for 400G, with great potential for 800G. While QSFP-DD prioritizes backward compatibility, OSFP's larger surface area enables higher thermal efficiency ...

Sep 12, 2025

400G QSFP-DD

FIBERTOP Optical Module Factory QSFP-DD 400G supports 400Gbps data rates, provides reliable high-bandwidth connections for high-density data centers and backbone networks, supports the ...

Mar 15, 2026

QSFP-DD TRANSCEIVERS for 400G and 800G

QSFP-DD is the most widely adopted form factor for 400G, with great potential for 800G. While QSFP-DD prioritizes backward compatibility, OSFP's larger surface ...

Oct 04, 2025

Product Datasheet 400G QSFP-DD Active Optical Cable

High speed I/O electrical interface (400GAUI-8) Single +3.3V power supply Power consumption less than 10W per end Hot-pluggable QSFP-DD form factor

Jun 09, 2026

QSFP DD Cable Assemblies | High Speed Input Output | Amphenol

Compatible with 25G/Lane NRZ up to 112G/Lane PAM4 signaling protocols that allow cables to deliver aggregate bandwidths of 200G, 400G, and 800G per cable assembly. Available in ...

May 02, 2026

400GBASE ZR+ QSFP-DD Hyper Silicon Optical Transceiver

400GBASE ZR+ QSFP-DD Hyper Silicon TM Optical Transceiver Features Compliant with QSFP-DD MSA, Type 2B package Compliant with Open ZR+ MSA and OIF 400ZR MSA, support OFEC and ...

Contact Us

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