# 400G Optical Module with 3-Year Warranty



## Overview

The 400G QSFP-DD is a high-speed pluggable assembly designed for data centers and high-capacity network applications.

## Key Takeaways

400G and 200G optical modules are available in QSFP-DD, CFP2, and SFP form factors, with options offering three-year warranties for reliable high-speed networking. Cisco 400G QSFP-DD High-Power (Bright) Optical ModuleCisco offers a 400G QSFP-DD High-Power (Bright) Optical Module designed for data center interconnect (DCI), metro access, wireless backhaul, and campus networks. Key features include: Form Factor: QSFP-DD Type 2AInterface: Duplex LC connector, 1550-nm optical fiberSignaling: Coherent Dual-Polarity mQAM in the C-bandApplications: Ethernet and OTN clients, supporting Layer-1 security with AES 256-bit encryptionAdvantages: High Tx power (+1dBm), small size, low power consumption, suitable for DCI/Cloud and metro aggregation Warranty: Cisco product warranty details are available at Cisco's official warranty page.

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S 200G/400G Coherent CFP2 ModulesFS provides 200G and 400G CFP2 coherent optical transceivers with: Reach: Up to 80 kmWarranty: Lifetime warranty with 100% testingAvailability: Purchase from nearby warehouses with 30-day free return Applications: Enterprise networks, data centers, and high-speed optical links. 400G SR SFP Module with Three-Year WarrantyAlibaba lists 400G SR SFP modules (BT-200G-FR4) offering: Warranty: Three-year coverageCustomization: Logo, packaging, and graphic customization availableMarkets: Primarily India, Philippines, and PolandApplications: FTTX, 3G/4G networks, and high-speed optical transmission.

### FS Infini

Band 400G/200G HDR ModulesFS also offers InfiniBand 400G/200G HDR optical modules for: High-bandwidth data transmissionData center and AI computing applicationsWarranty and returns: 30-day free return, trusted by enterprise users.

### Summary

For high-speed networking needs, you can choose: Cisco QSFP-DD 400G modules for DCI, metro, and campus networks with advanced coherent signaling and security features.

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S CFP2 200G/400G modules for enterprise and data center applications with lifetime warranty.

SF

P modules with three-year warranty for FTTX and telecom networks, offering customization options. These options provide flexibility in form factor, reach, and warranty coverage, ensuring reliable deployment for both 200G and 400G optical networks.

## Article Content

400G QSFP-DD LR4 10KM Optical Transceiver Module

The 400G QSFP-DD is a high-speed pluggable assembly designed for data centers and high-capacity network applications. It supports 400G Ethernet and InfiniBand HDR data rates, providing solutions

Tripp Lite Eaton Series 400GBase-SR8 QSFP-DD Transceiver

This QSFP-DD transceiver allows you to connect a multimode fiber optic cable to a 400 Gbps network router, server or switch. It transmits data up to 100 meters (328.08-ft.) using an 850 nm wavelength.

Tripp Lite Eaton Series 400GBase-SR8 Cisco Compatible QSFP-DD

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Cisco 400G QSFP-DD Ultra Long Haul Coherent Optics Module Data

The Cisco 400G QSFP-DD Ultra Long-Haul Coherent Optics Module enables 400G traffic anywhere over dense wavelength division multiplexing amplified networks, and is available in both C

Cisco 400G QSFP-DD Cable and Transceiver Modules Data Sheet

The Cisco''s QDD-400G-VR4 Module (Figure 5) is a hot pluggable optical transceiver compliant with 400G Ethernet. The optical interface supports bit rates of 53.125 GBaud PAM-4 per

InnoLight QSFP-DD 400G FR4 Optical Transceiver Module for

InnoLight QSFP-DD 400G FR4 transceiver offers 8x50G electric signal, 4x100G optical signal, and 2km max cable distance. Ideal for FTTX and data centers.| Alibaba

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year TCO analysis for data center buyers.

800G/400G/200G Coherent CFP2 Transceiver Modules | Optical

FS 800G/400G/200G Coherent CFP2 optical transceiver module solutions offer a full range of CFP2 modules 80km reach. Purchase from nearby warehouses. 30-Day Free Return.

How 400G Optical Modules Are Shaping Next-Gen Networks

FS offers a comprehensive portfolio of 400G transceivers, including QSFP-DD/OSFP, and coherent modules such as 400G ZR/ZR+, all designed to meet evolving performance, power, and

AliExpress

QSFP-DD 400G ER4 1310nm 40km Duplex LC DDM SMF InfiniBand Optical Transceiver Module for 400GBASE Ethernet AA US $4,172.99 US $5,151.84 -19%

400G QDD-400G-ZR-L Tunable DWDM Transceiver 120KM SMF LC

Key attributes Model Number QDD-400G-ZR-L Type Fiber Optic Transceivers Brand Name Hilink Place of Origin Guangdong, China Warranty Time 3 Years

622M 15km eSFP/RTXM159-400 WTD

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Global Leader in Materials, Networking, and Lasers

Silicon photonics-based 1.6T-DR8 transceiver module using a Marvell® Ara 3 nm optical digital signal processor (DSP), featuring 200 Gbps electrical and optical

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Optimized Design of 400G Optical Transceiver Module

Optimized 400G optical transceiver module design: Achieves 10-15% higher coupling efficiency via lens-integrated passive devices, and 9.8W power consumption.

How to Choose the Right 400G Optical Transceiver?

Learn how to choose the right 400G module based on compatibility, form factors, and other factors, and why choose FS 400G modules to meet your network needs.

Optical Module Evolution: From 400G to 3.2T

Speed Roadmap: From 400G to 3.2T Optical module development has converged on a de facto “speed-doubling” roadmap, with each new generation arriving approximately every two to

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