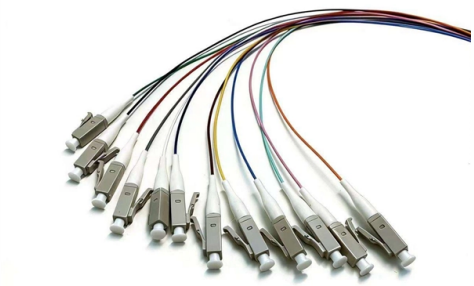
# Warranty on 400G Pluggable Optical Module



## Overview

Warranty Update on Cisco Pluggable Modules Product BulletinEffective September 7, 2020, Cisco is offering a 5-year limited hardware warranty on Cisco® plug.

## Key Takeaways

Warranty coverage for 400G optical modules varies by vendor, ranging from 5-year limited warranties for OEM modules like Cisco to lifetime warranties for certain third-party suppliers such as Carritech Optics and FS.

### OEM Vendor Warranties

Cisco offers a 5-year limited hardware warranty on its 400G pluggable modules, including the QDD400G family, effective from September 7, 2020. This warranty covers hardware defects and is an extension from the previous 1-year or 90-day limited warranties. Products purchased before this date are covered under the warranty terms in effect at the time of purchase.

Arista and other major OEMs typically provide standard limited warranties on their 400G transceivers, often ranging from 1 to 5 years depending on the product line and purchase agreement. Users should consult the specific datasheets or warranty bulletins for exact coverage.



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### Third-

### Party Vendor Warranties

Carritech Optics provides a lifetime warranty on all 400G optical transceivers, including QSFP-DD modules. Their warranty ensures long-term durability and consistent performance, with rigorous quality control and compatibility testing for major OEM platforms such as Cisco, Juniper, Arista, Huawei, Nokia, and Dell.

F

S also offers a lifetime warranty on its 200G/400G coherent CFP2 optical transceivers, along with 100% testing and a 30-day free return policy, providing additional assurance for enterprise deployments.

### Key Considerations

Compatibility: Third-party modules with lifetime warranties are generally tested for interoperability with major OEM platforms, ensuring safe deployment without voiding OEM equipment warranties. Warranty Scope: Lifetime warranties typically cover manufacturing defects and module failures under normal operating conditions, but may exclude damage from misuse, improper installation, or environmental factors. Deployment Confidence: Choosing modules with extended or lifetime warranties can reduce replacement costs and downtime, especially in high-density 400G network environments.

In summary, OEM 400G modules like Cisco's QDD400G come with a 5-year limited warranty, while reputable third-party suppliers such as Carritech Optics and FS offer lifetime warranties, providing flexibility and long-term assurance for network operators.

## Article Content

Warranty Update on Cisco Pluggable Modules Product Bulletin

Effective September 7, 2020, Cisco is offering a 5-year limited hardware warranty on Cisco® pluggable modules of SFPFE, SFPOCX, SFPGE, SFP10G, X2, SFP25G, QSFP40G, QSFP100, and QDD400G

Cisco 400G QSFP-DD High-Power (Bright) Optical Module

Cisco 400G QSFP-DD High-Power (Bright) Optical module is mechanically compliant to the QSFP-DD Type 2A Module Specification. The QSFP-DD module contains a PCB with a 76-contact card-edge

OFC 2025 400ZR White Paper 4_17

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This white paper reports on the performance evaluation of 400ZR and OpenZR+ pluggable modules in a multi-vendor interoperability environment, conducted during the OIF OFC

400G, 800G, and Terabit Pluggable Optics:

High-Speed Interconnects: Backend network requires high speed 100G/200G or 800G optics to connect servers and network switches. These high bandwidth connections are essential for handling the data

400G, 800G, and Terabit Pluggable Optics:

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.

PSE 100G/400G pluggable coherent optics

Our pluggable coherent optical modules support a variety of data rates, including 100Gb/s and 400Gb/s to enable application optimization based on capacity, distance and port type. The QDCO1 extends

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.

Acacia DP04CFP2-M35-001 400G Pluggable Coherent Optical Module

Acacia DP04CFP2-M35-001 400G Pluggable Coherent Optical Module offers 450Km reach, 0-70°C temperature range, and 1-year warranty. Ideal for data centers.| Alibaba

Arista 400G Transceivers and Cables: Q&A

Arista''s 400G-VSR4 modules will optically interop over 50m MMF with third-party QSFP112 or OSFP-RHS modules that are compliant to the IEEE 400GBASE-SR4 or 400GBASE-VR4 optical standards.

Understanding Pluggable Optical Modules

Optical modules are available in various types to meet diversified requirements. Currently, the transmission rates of optical modules cover a wide range.

PSE 100G/400G pluggable coherent optics

Our pluggable coherent modules are used across our optical network platforms, converged IP-optical routing and fixed network access solutions. They can also

Cisco QSFP-DD Pluggable Open Line System (QSFP-DD OLS)

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Product overview The Cisco® QSFP-DD Open Line System (QSFP-DD OLS) is a pluggable optical amplifier module that, together with the channel breakout options (described later), provides a simple

Co-Packaged Optics (CPO) 2026: Complete Technical

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

QSFP-DD Product Family » Acacia

Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links

Lumentum

1.6T DR4 OSFP Module with 400G Differential EMLs The 1.6T DR4 OSFP pluggable transceiver prototype uses four Lumentum 400G differential EML lasers, as a stepping-stone to a

The Ultimate Guide to SFP Modules (2026): Types, Speeds

Published: 2026 | Category: Network Hardware Knowledge Base / Optical Communications Core Keywords: SFP Module, SFP Transceiver, Small Form Factor Pluggable, What is SFP, SFP vs SFP+

Active Optical Module Market Research Report 2034

Coherent pluggable optics (CPO) modules represent the latest innovation, capable of achieving 400 Gbps and 800 Gbps speeds over metropolitan and long-distance network spans using advanced

Coherent Demonstrates Technologies for Next-Generation Pluggable ...

For emerging 3.2T transceivers, Coherent will demonstrate 400G/lane PAM4 optical links with both 400G Differential EML as well as a silicon photonics PIC implementation based on

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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

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