

Article Overview

QSFP-DD and QSFP28 modules themselves do not carry a universal warranty under the QSFP-DD specification; warranty coverage depends on the vendor or manufacturer.

QSFP-DD Specification Disclaimer

The official QSFP-DD hardware specification explicitly states that it is provided "AS IS" with no warranties, including merchantability, fitness for a particular purpose, or non-infringement. This means that the specification itself does not guarantee performance or reliability, and any liability for defects or intellectual property infringement is disclaimed. The document is intended for system designers and integrators to guide module development, not as a warranty for the modules themselves.

Vendor-Specific Warranties

While the MSA specification does not provide a warranty, vendors like Cisco, Pivotal Optics, and others offer their own warranties for QSFP-DD and QSFP28 modules. These warranties typically cover:

- o Defects in materials and workmanship for a defined period (often 1-5 years depending on the vendor and module type)
- o Replacement or repair of faulty modules under warranty
- o Support for compatibility and interoperability with the vendor's networking equipment For example, Cisco QSFP-DD modules are designed for high-speed applications (400G and 800G) and are optimized for thermal and electrical performance, but the warranty terms are defined by Cisco and may vary by product line and region. Similarly, QSFP28 modules, which support 100G Ethernet, are covered by vendor-specific warranties rather than the QSFP-DD MSA.

Key Considerations

- o Backward Compatibility: QSFP-DD ports can accommodate QSFP28 modules, but warranty coverage may depend on whether the module is used in a supported configuration.
- o Environmental and Operational Limits: Warranties may be voided if modules are operated outside specified temperature, voltage, or power limits.
- o Authorized Resellers: Purchasing from authorized vendors ensures warranty validity; modules from third-party or gray-market sources may not be covered.
- o Return Policies: Vendors often provide RMA (Return Merchandise Authorization) procedures for defective modules, which is the practical mechanism for warranty claims.

Summary

While the QSFP-DD specification itself does not provide any warranty, actual QSFP-DD and QSFP28 modules are generally covered by vendor-specific warranties that protect against manufacturing defects and ensure proper operation within specified conditions. Users should always verify warranty terms with the manufacturer or authorized reseller before deployment to ensure coverage and support.

FS offers a growing portfolio of 100G QSFP28 modules. The 100G QSFP28 module solution provides high-performance 100GbE

OCS OCS Optical AI and Data Center Networking 200G QSFP-DD/QSFP56 400G QSFP

The QSFP28-100G-ZR4-S Module is designed for use in 100GBASE Ethernet throughput up to 80km over single mode fiber (SMF)

The Cisco ® family of QSFP-DD modules provide the industry"s highest bandwidth density while leveraging the

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

QSFP28 transceiver guide covering module types, pricing, compatibility, and deployment.

View results and find qsfp28 optical module qsfp-dd warranty datasheets and circuit and application notes in pdf format.

For optical modules, backward compatibility is essential. The upkeep and operation of the network infrastructure are

For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet"s internal lab tests.

Yes, 100G QSFP28 ports can generally take either QSFP+ or QSFP28 optics. QSFP28 transceivers have the same form factor as

This article provides a comprehensive comparison of mainstream optical transceivers, including SFP, SFP+, QSFP+,

QSFP28 vs. QSFP-DD explained for engineers. Compare electrical lanes, speed, power, compatibility, and

The QSFP-DD, heralded as the most compact form factor for 400G transceivers, is gaining

? Introduction: High-Speed Optical Networking Essentials In the world of high-speed data transmission, selecting the

In this article, we'll introduce you to these modules and discuss their features, parameters and applications. So whether

The QSFP-ERL-100G Module supports link lengths of up to 25km over SMF with duplex LC connectors. The 100G ERL QSFP28

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