

Warranty for OSFP optical modules SFP



Overview

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

Key Takeaways

OSFP modules under the MSA specification come with no warranties, but many vendors offer limited lifetime warranties on their commercial OSFP optical modules. OSFP MSA Warranty Disclaimer

The OSFP MSA (Octal Small Form Factor Pluggable) specification itself is provided “AS IS” and explicitly disclaims all warranties, including merchantability, fitness for a particular purpose, and non-infringement. The specification also limits liability for any direct, indirect, or consequential damages, even if advised of potential issues. This means that the MSA standard does not guarantee performance, reliability, or compatibility of OSFP modules; it only defines the mechanical, electrical, and thermal requirements for manufacturers and integrators .

Vendor-Specific Warranties



While the MSA does not provide warranties, commercial vendors of OSFP modules often offer their own warranties. For example, Pivotal Optics provides MSA-compliant OSFP modules with a Limited Lifetime Warranty, ensuring that the modules meet performance standards and are free from defects under normal use. This warranty typically covers replacement or repair of defective modules and gives customers confidence in deployment for enterprise, data center, or carrier-grade networks . Other vendors, such as Cisco and LINK-PP, certify and test their OSFP modules for performance and reliability, though the exact warranty terms may vary by manufacturer .

Key Considerations

- **MSA Compliance vs Warranty:** Compliance with OSFP MSA ensures interoperability and standardization but does not imply a warranty. Always check the vendor's warranty policy.
- **Limited Lifetime Warranty:** Many vendors define “limited lifetime” as the expected operational life of the module under normal conditions, often aligned with data center deployment cycles.
- **Vendor Selection:** When purchasing OSFP modules, verify the warranty coverage, return policy, and support services, especially for high-speed 400G, 800G, or 1.6T modules.
- **Performance Guarantees:** Some vendors also provide performance testing and certification to IEEE or CMIS standards, which complements the warranty by ensuring reliability . In summary, while the OSFP MSA specification itself provides no warranty, most commercial OSFP optical modules come with vendor-backed limited lifetime warranties, offering protection against defects and ensuring reliable performance in data center and enterprise deployments.

Article Content

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,

Warranty for Active Optical Modules OSFP

Overview Laser class for OSFP modules Standard warranty: 5 years. Expedited replacement available via a Cisco Smart Net Total

Cisco Transceiver Modules

Cisco Enhanced Wave Division Multiplexing Optical System Installation Note
14-Sep-2007 Cisco WDM Series Passive

Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical

SFP Optical Transceiver Products | Syrotech Networks

Syrotech Networks is market leader in manufacturing and supplier of sfp module, optical transceiver, sfp port, sfp optical

Understanding OSFP MSA: The Future of Optical Transceivers

The Octal Small Form-factor Pluggable (OSFP) Multi-Source Agreement (MSA) is a huge step forward in the design

Cisco SFP Modules for Gigabit Ethernet Applications Data Sheet

This data sheet describes the benefits, specifications, and ordering information for the Cisco SFP Modules for Gigabit

Introduction to OSFP Optical Transceiver

OSFP is a conventional style of electrical interconnect, leveraging best practices that the industry has learned in the past from SFP

SFP MSA Standards: Technical Guide for Optical Modules

Understand MSA standards for optical transceivers: origin, role, types, specs, compatibility impact, procurement checklist, and

Cisco Transceiver Modules

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OSFP MSA Rev 5

A Type 3 OSFP module provides a maximum of 3.6mm of additional height in the front compared to a Type 2 module. Type 2 and

1.6T-DR8 - 1.6T OSFP224 500m Transceiver

Need a Quote or Sample? This module is available in volume or with custom tuning. [Request a quote or contact our optical team](#)

Understanding the OSFP Standard: The Open 400G/800G Optical

OSFP (Octal Small Form Factor Pluggable) is a pluggable optical transceiver interface standard that supports eight

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

