Warranty for SFP optical module 800G

Overview

800G OSFP/QSFP-DD | Transceiver Modules The 800G transceiver modules are ideal choice for AI data centers, enterprise networks and service provider network.

Key Takeaways

Most 800G optical modules, including OSFP and QSFP-DD transceivers, typically come with a 1- to 5-year limited warranty depending on the manufacturer and purchase channel.

Typical Warranty Coverage

Manufacturers like Cisco, Huawei, FS, and Carritech generally provide a limited warranty for their 800G optical modules, covering defects in materials and workmanship under normal use. Key points include: Duration: Warranties usually range from 1 year to 5 years, depending on the vendor and whether the module is purchased directly from the manufacturer or through an authorized reseller. Replacement Policy: Defective modules are typically replaced free of charge within the warranty period.

Some vendors may offer advanced replacement for critical network deployments. Conditions: Warranty coverage generally applies only if the module is used in compliant equipment and environments, such as operating within specified temperature ranges (e.g., 0°C to 70°C for commercial modules) and using compatible fiber types (single-mode or multi-mode) and connectors (MPO/MTP) as specified in the datasheet. Exclusions: Damage caused by improper installation, physical abuse, electrical surges, or use outside the specified operating conditions is usually not covered.

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Manufacturer-

Specific Notes

Cisco OSFP 800G modules: Certified and tested on Cisco OSFP ports for reliability, typically backed by Cisco's standard transceiver warranty, which is often 1 year for hardware defects. Huawei OSFP-800G modules: Covered under Huawei's limited warranty for pluggable optical modules; duration may vary by region and purchase channel.

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S 800G OSFP/QSFP-DD modules: Offer warranty support for defective units, often 1 year, with digital diagnostics monitoring (DDM) ensuring operational compliance. Carritech 800G OSFP SR8 modules: Include warranty coverage for manufacturing defects and support for real-time diagnostics, typically 1 year. Swedish Telecom Opto 800G-DR4 modules: Warranty details are available upon request, usually aligned with industry standards for high-speed optical transceivers.

Recommendations

Check the vendor's datasheet or purchase agreement for exact warranty terms. Keep proof of purchase to ensure warranty eligibility. Use modules in recommended environments to avoid voiding the warranty.

For critical deployments, consider extended warranty or support contracts offered by the manufacturer or authorized resellers. In summary, while the exact warranty period may vary, most 800G optical modules are covered by a limited warranty of 1–5 years, protecting against manufacturing defects and ensuring replacement if the module fails under normal operating conditions.

Article Content

800G OSFP/QSFP-DD | Transceiver Modules

The 800G transceiver modules are ideal choice for AI data centers, enterprise networks and service provider networks. Click to get your 800G transceiver

SFP/SFP+/QSFP28/QSFP-DD Transceivers | OEM Compatible

1G to 800G optical transceivers compatible with Cisco, Juniper, Arista, Huawei. OEM/ODM supplier with 2-year warranty. Bulk pricing available. Get datasheet.

Cisco OSFP 800G Transceiver Modules Data Sheet

It is compliant with IEEE 802.3 800GBASE-VR8 and OSFP MSA module requirements with integrated heat sink. Optical signals are carried over eight pairs of parallel lanes, with one wavelength per lane.

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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. Trusted by 260K+

800G-FR4 – OSFP224 2km Transceiver

The STC-800G-FR4 OSFP224 is a high-bandwidth optical transceiver designed for 800Gbps transmission over single-mode fiber (SMF) for distances up to 2 kilometers.

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.

FS Transceivers | Premium Optical Transceivers & Fiber Solutions

FS Transceivers provides an industry-leading lifetime warranty on all optical transceivers and fiber optic modules. This includes free replacement for any manufacturing defects or performance issues.

Huawei OSFP-800G-SR8-D Optical Module Datasheet

Huawei offers a comprehensive series of pluggable optical modules in the Huawei portfolio. The wide variety of. modules gives you flexible and plug-and-play options for all types of interfaces. These

SFP Modules: Types, Selection Guide & Applications

An SFP module is a compact, hot-swappable optical transceiver designed to facilitate data transmission between network devices such as switches, routers, servers, and media converters.

The Evolution of 400G, 800G, and 1.6T Optical Modules

With the rapid advancement of AI, HPC, and cloud computing, the demand for high-speed optical modules such as 400G, 800G, and even 1.6T is growing exponentially. This surge is driving

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Third-Party Optical Transceivers Market by Form Factor, Connector

To capture value, organizations should build multivendor sourcing strategies for 100G, 400G, and 800G optics while aligning module roadmaps with AI, cloud, edge, telecom, and

SFP Optical Transceivers: How Pluggable Optics Are Reshaping

SFP Optical Transceivers: How Pluggable Optics Are Reshaping Modern Networks in 2026 From gigabit Ethernet to 800G AI data center backbones — discover how SFP technology has

SFP Modules: The Unsung Heroes of Modern Networks

SFPs: The Small Components That Keep Modern Networks Connected As network engineers, we talk a lot about routers, switches, and bandwidth — but rarely do we give enough credit to the small, hot ...

Finisar FTLF8519P3BNL Compatible LINK-PP LS-MM851G-S5C 1000BASE-SX SFP ...

Finisar FTLF8519P3BNL Compatible LINK-PP LS-MM851G-S5C 1000BASE-SX SFP Optical Transceiver Module LINK-PP LS-MM851G-S5C is a Finisar FTLF8519P3BNL compatible 1G SFP

2026 Global Optical Module Selection Guide (Website Homepage

—— Explosive Growth of 800G/1.6T Technologies, Scene-Based Selection + Finisar Original Solutions in One Stop In 2026, driven by AI computing power, optical modules have entered

h3c sfp optical module with warranty online manufacture

H3C Gigabit Optical Modules Product Overview Adopting advanced technologies, H3C Gigabit Optical Modules feature low power consumption, hot-swap capability and wide compatibility.

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