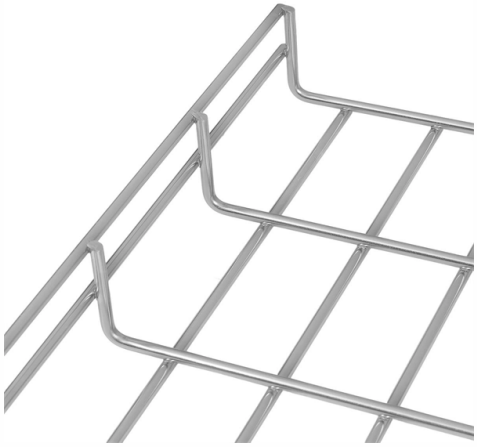
Mexico warranty active optical device QSFP-DD



Overview

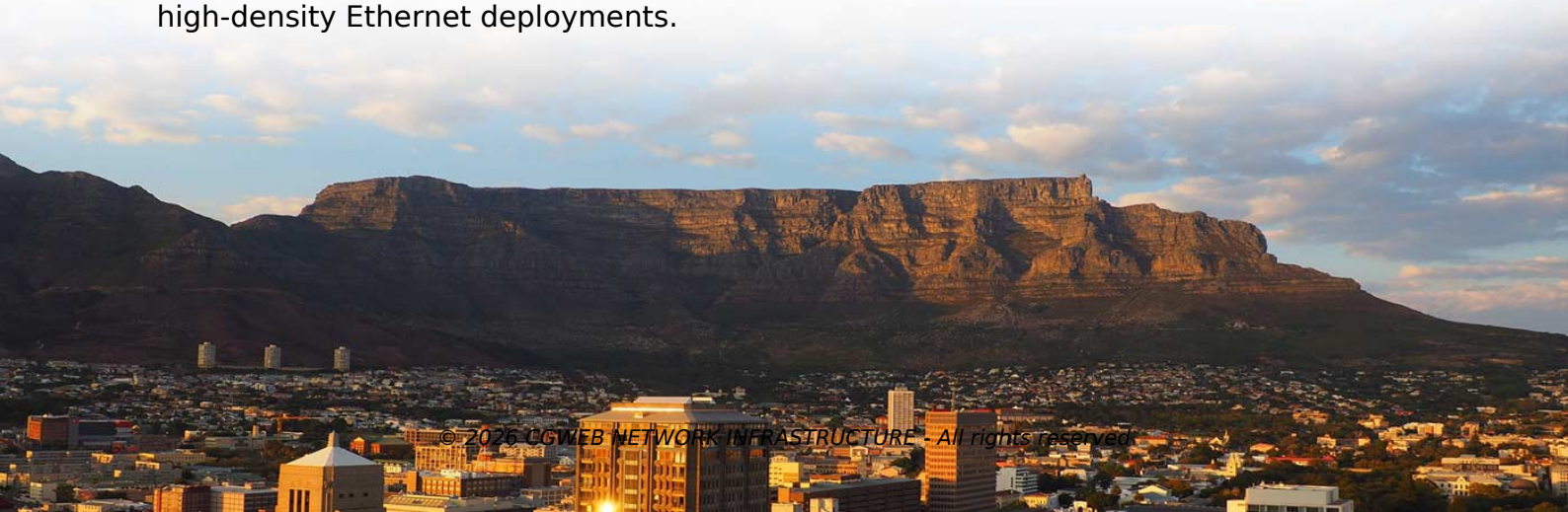
QSFP-DD cages are fully backwards compatible, providing an upgrade path from existing QSFP solutions - allowing an economical path to upgrade to 112G operations.

Key Takeaways

QSFP-DD active optical devices in Mexico are generally covered by manufacturer warranties, which can be verified through the vendor or authorized distributors. Overview of QSFP-DD Active Optical DevicesQSFP-DD (Quad Small Form-Factor Pluggable Double Density) active optical cables (AOCs) and transceivers are high-speed optical interconnects used in data centers, high-performance computing, and enterprise networks. They support 200G, 400G, and 800G Ethernet speeds, with multiple parallel channels over multimode or single-mode fiber.

Key features include: High port density: QSFP-DD doubles the number of electrical lanes compared to QSFP28, supporting 400G and 800G speeds. Backward compatibility: Many QSFP-DD modules are compatible with lower-speed QSFP modules. Link reach: Depending on the model, link lengths range from 30m to 500m over multimode or single-mode fiber.

Applications: Data center interconnects, breakout links (e.g., 4x100G or 2x400G), and high-density Ethernet deployments.



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Warranty Considerations

While specific warranty terms vary by manufacturer, general practices include: Manufacturer warranty coverage: Most QSFP-DD devices come with a limited warranty covering defects in materials and workmanship. Coverage typically ranges from 1 to 5 years depending on the vendor and product line. Verification: Warranty status can usually be checked using the serial number on the device through the manufacturer's support portal or by contacting authorized distributors in Mexico.

Authorized distributors: For Cisco, FS, Amphenol, Coherent, and Smartoptics, warranty claims in Mexico are handled through local authorized partners or the vendor's regional support offices. Replacement and support: If a device is under warranty, manufacturers typically provide repair, replacement, or technical support. Some vendors also offer extended warranty or service contracts for enterprise deployments.

Steps to Verify Warranty in Mexico

Locate the serial number on the QSFP-DD module or AOC. Visit the manufacturer's support portal: Cisco: Use the Cisco Warranty Check tool.

F

S: Contact FS support with the serial number. Amphenol, Coherent, Smartoptics: Reach out to regional distributors or support teams. Provide purchase information if requested, such as invoice or order number.

Confirm coverage and follow instructions for repair or replacement if needed.

Recommendations

Always purchase QSFP-DD devices from authorized distributors in Mexico to ensure warranty validity. Keep serial numbers and purchase documentation for warranty claims. For high-value deployments, consider extended warranty or service contracts to cover accidental damage or faster replacement.

By following these steps, you can ensure that your QSFP-DD active optical devices remain supported and that any warranty claims in Mexico are processed efficiently.

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Article Content

QSFP-DD Linear Pluggable Optics (LPO)

Watch Amphenol''s expert demonstrate the QSFP-DD Linear Pluggable Optics in action at the OFC 2025! Lightning-fast PCIe Gen 5

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Learn how Cisco 400G QSFP-DD High-Power (Bright) Optical module''s small size and low power make it an optimal choice for a wide range of DCI/Cloud, metro access/aggregation,

2m (7ft) HW Compatible 400G QSFP-DD Active Optical Cable

The 400G QSFP-DD active optical cables are designed for use in 400 Gigabit Ethernet links over OM4 multimode fibers, and contain eight multi-mode fibers (MMF) optic transceivers per end, each

QSFP-DD Connectors, Cages and Cable Assemblies

QSFP-DD cages are fully backwards compatible, providing an upgrade path from existing QSFP solutions - allowing an economical path to upgrade to 112G operations.

QSFP-DD TRANSCEIVERS for 400G and 800G | Smartoptics

Active Optical Cables (AOC): Incorporate real transceivers with fiber optics, providing longer-distance connectivity while remaining lightweight and flexible. These QSFP-DD cable solutions ensure

200G QSFP DD Active Optical Cable (AOC)

These AOC assemblies are QSFP DD MSA compliant, also backwards port compatible with existing QSFP modules and provide flexibility for end users and system designers.

Quadwire® QSFP-DD Active Optical Cables | Coherent

Multichannel AOCs combining our vertically integrated VCSEL array technology with standard QSFP and SFP+ connectors. They feature low power consumption, low

Networking Interconnect | Networking

The NVIDIA® LinkX® product family of cables and transceivers provides the industry''s most complete line of 10, 25, 40, 50, 100, 200, 400 and 800GbE in Ethernet

All About QSFP Cables, Connectors, and More

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The type of transceiver used depends on the cable type, application, required optical range of the network, and desired data transmission rate. QSFP

SFP, QSFP, QSFP-DD, OSFP Active Optical Cable Assemblies

SFP, QSFP, QSFP-DD, OSFP ACTIVE OPTICAL CABLE ASSEMBLIES Our active optical cable assembly portfolio provides improved cable flexibility and longer reach as compared to both

100G QSFP28 Cable and Transceiver Modules Data Sheet | FS

The QSFP-ERL-100G Module supports link lengths of up to 25km over SMF with duplex LC connectors.The 100G ERL QSFP28 Transceiver is designed to transmit and receive serial optical

100G QSFP28 Cable and Transceiver Modules Data Sheet

The QSFP-eER4-100G Module is designed for 80km optical communication applications. This module contains 4-lane optical transmitter, 4-lane optical receiver and module management

200G QSFP DD Active Optical Cable (AOC)

Amphenol QSFP DD to QSFP DD 200G Active Optical Cable assemblies increase the number of lanes from 4 to 8 and double the port density as compared to 100G QSFP28 AOC. These

QSFP-DD Optical Transceivers for High-Speed Connections

Cisco''s comprehensive portfolio of QSFP-DD modules support 400G and 800G data rates across copper, multimode fiber, and single-mode fiber, and are optimized for a broad range of

Arista Transceiver Compatibility and interoperability Cable Guide

Overview Arista optical transceivers and cables offer deployment flexibility and cost optimized network connectivity. Arista transceivers and cables are all hot-swappable pluggable devices, compliant with

QSFP-DD Hardware

17 16 15 September 29, 2023 19 18 Abstract: This specification defines: the electrical and optical connectors, electrical signals and power supplies,

Active Optical Cable Assemblies

TE Connectivity''s SFP, QSFP, QSFP-DD, and OSFP Active Optical Cable Assemblies provide improved cable flexibility and longer reach than passive and active copper solutions.

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QSFP-DD Hardware

QSFP-DD MSA family of modules and cages remain fully backward compatible with the classic QSFP+ formfactor. This document provides a common specification for systems manufacturers, system

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

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