

Warranty for OSFP optical modules up to 100G



Overview

This specification is provided “AS IS” with no warranties whatsoever, including any warranty of merchantability, non-infringement, fitness for any particular purpose, or any warranty otherwise arising out of any proposal, specification or sample. The Cisco® OSFP 800G transceiver modules provide 800 Gigabit Ethernet (GE), 2x 400GE, 4x 200GE, and 8x 100GE connectivity options, complying with the Octal Small Form Factor Pluggable (OSFP) MSA for pluggable transceivers. Each lane can operate up to 100G PAM4, allowing total bandwidths of 400G or 800G depending on configuration. OSFP modules are designed to meet the. The OSFP has been broadly accepted for 400G (with 8x50 Gb/s host interface) and for 800G (8x100 Gb/s host interface) pluggable optics. OSFP1600 carefully pushes the limits required. The Short Reach 4-channel (SR4) design uses 100G-PAM4 modulation and has a maximum fibre reach of 50-metres using OM4 multimode fibres. It is qualified for use in end-to-end systems. It is the ideal solution for supercomputing, seamlessly integrating into computing and storage infrastructure to. Enterprise-grade fiber optic transceivers compatible with Cisco, Arista, Juniper & more. OSFP was among the first form factors to support native 800G, making it a key enabler for ultra-high-speed deployments.

Article Content

Arista OSFP-800G-VSR8-Arista | 800G OSFP Transceiver, VSR8,

The Arista OSFP-800G-VSR8 is an 800GBASE-VSR8 OSFP optical transceiver designed for high-speed data center interconnects supporting up to 50 meters over OM4 multimode fiber. Operating at

Cisco OSFP 800G Transceiver Modules Data Sheet

The OSFP 800G transceiver modules are Cisco's new generation of pluggable transceiver modules based on the OSFP specification. They offer

Arista OSFP-400G-XDR4-S-Arista | 400G OSFP Transceiver, 2km

Description The Arista OSFP-400G-XDR4-S is a 400GBASE-XDR4 optical transceiver designed for high-performance data center interconnects. It delivers 400 Gbps throughput over four parallel single

Cisco OSFP 800G Transceiver Modules Data Sheet

They meet the IEEE 800GE requirements along with the flexibility of 400GE, 200GE, and 100GE connectivity options for data centers, high-performance computing networks, enterprise core and

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A: No, due to mechanical and electrical differences, OSFP modules are not compatible with OSFP-XD ports, and vice-versa. Mechanical keying features on

Arista OSFP-400G-PLR4 | 400G PLR4 Transceiver, Single-Mode,

Description The Arista OSFP-400G-PLR4 is a high-performance 400GBase-PLR4 optical transceiver designed for data centre and enterprise aggregation. It delivers 400Gbps throughput up to 10km over

OSFP1600_and_OSFP-XD

While the OSFP1600 supports future switch silicon with 200 Gb/s electrical lanes, there is broad interest in 1.6 Tb/s optics modules with the 100 Gb/s electrical lane ecosystem. The OSFP-XD ("eXtra

Generic Compatible 400GBASE-SR8 QSFP-DD

NADDOD Generic Compatible 400G QSFP-DD SR8 optical transceiver modules are designed for AI and HPC data center 400G Ethernet networks. This 400G module

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 electrical lanes (Tx/Rx) per module. Each lane can operate up to 100G

Customized 400GBASE-SR4 OSFP Flat Top PAM4 850nm 50m DOM

The Short Reach 4-channel (SR4) design uses 100G-PAM4 modulation and has a maximum fibre reach of 50-metres using OM4 multimode fibres. It is qualified for use in end-to-end systems.

OSFP-400G-FR4-A Arista Compatible 400GBASE-FR4 OSFP Finned

Arista Compatible 400G OSFP Transceiver Module QuickSpecs Technical Specifications • 400GBASE-FR4 PAM4 Octal Small Form-factor Pluggable Double Density (OSFP) Flat Top. • Standards based

Arista OSFP-400G-PLR4 400gbase-plr4 Parallel Long Refurbished

The Arista OSFP-400G-PLR4 400GBASE-PLR4 Parallel Long Reach Transceiver is engineered for advanced networking environments. Supporting up to 10km transmission over parallel single-mode

Breaking New Frontiers in AI Infrastructure: The Launch of the TS

Discover the details of Breaking New Frontiers in AI Infrastructure: The Launch of the TS-OPO8-858H-01C-V 800G OSFP VR8 Optical Transceiver at LonRise Equipment Co. Ltd., a leading

Arista OSFP-200G-2LR4-Arista | 200G OSFP Transceiver, Dual LC,

Description The Arista OSFP-200G-2LR4 is a 200G OSFP optical transceiver designed for long-reach data center and enterprise network connectivity. It features 2x 100GBASE-LR4 interfaces with dual

400G and 800G OSFP transceivers | Smartoptics

A single 800G OSFP transceiver can be broken out into eight 100G connections, allowing integration with 100G transceivers in the QSFP28 or QSFP112 form factors.

QSFP-DD Transceiver Guide 2026: Complete 400G/800G Deployment

A QSFP-DD port can accept: QSFP+ (40G) modules QSFP28 (100G) modules QSFP56 (200G) modules QSFP-DD (400G) modules QSFP-DD800 (800G) modules The solution enables you

OSFP OCTAL SMALL FORM FACTOR PLUGGABLE MODULE

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(up to 500m) OSFP, 2xMPO (APC), 1310nm Single Mode Transceiver

s per single OSFP form-factor by turning the optical connectors vertically in the twin-port transceiver end. This enables it to host two transceivers inside, each with its own MPO-12/APC optical conn The

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

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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.

Know Your 800G Transceiver | Juniper Networks

800 Gigabit (800G) transceivers are optical modules capable of handling data rates of 800 Gbps. With a transmission rate of up to 800 Gbps, 800G transceivers offer double the capacity of their latest

SFP MSA Standards: Technical Guide for Optical Modules

From SFP and QSFP to today's QSFP-DD and OSFP form factors, MSA specifications define how optical modules are mechanically, electrically, and logically designed—ensuring that products from

Arista OSFP-800G-2PLR4-Arista | 800G OSFP Transceiver, 8x100G,

Description The Arista OSFP-800G-2PLR4 is an 800Gbps OSFP optical transceiver module engineered for high-performance data centre interconnects up to 10km over single-mode fibre. Utilising eight

Contact Us

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