Safe City OSFP Optical Module 400G



Overview

The 400GBASE-SR4 OSFP transceiveris an 400Gb/s Single-port OSFP, SR4 multimode parallel transceiver using a single, 4-channel MPO-12/APC optical connector. The Short Reach 4-channel (SR4) design uses 100G-PAM4 modulation and has a maximum fibre reach of 50-metres. Customized 400GBASE-SR4 OSFP Flat Top PAM4 850nm 50m DOM MPO-12/APC MMF Optical Transceiver Module - FS. com Europe FS EuropeFREE SHIPPING on Orders Over EUR 79 VAT excl. Germany. The Lumentum 400ZR module on an OSFP form factor is designed for use by hyperscale data center operators and peering networks to provide high bandwidth interconnections in an industry standard, interoperable footprint. OSFP was among the first form factors to support native 800G, making it a key enabler for ultra-high-speed deployments. It is fully compliant with 400ZR and. Eoptolink is producing full range of OSFP (Octal Small Form Factor Pluggable) a new pluggable form factor with eight high speed electrical lanes that will initially support 400 Gbps (8x50G or 4x100G). It is slightly wider and deeper than the QSFP-DD.



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Article Content

May 12, 2026

400G QSFP-DD & OSFP Optical Transceivers Module | Fibrecross

400G QSFP-DD and OSFP optical transceivers are cutting-edge solutions for high-speed data transmission in modern data centers. Designed to handle 400Gbps, these modules use 8-lane

Sep 07, 2025

Exploring the World of 400G OSFP Transceiver: Types,

Explore different types of 400G OSFP transceivers & their optical connections, including OSFP SR8, DR4, FR4. Upgrade your data center with

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400G QSFP-DD vs. 400G OSFP: A Comprehensive

Discover the key differences between 400G QSFP-DD and 400G OSFP optical transceivers. Learn about their design, performance, and applications to make

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400G OSFP Optical Transceiver Modules | AscentOptics

AscentOptics provides a comprehensive 400G OSFP optical transceiver portfolio, such as OSFP SR8, OSFP DR4, OSFP DR4+, OSFP FR4, OSFP 2*FR4, and OSFP LR4, including of 4x50Gx2 and

Mar 26, 2026

400G OSFP/QSFP-DD/QSFP112 Module Introduction and Selection

The explosive growth of global data volume has placed higher demands on the bandwidth and performance of data center networks, making 400G optical modules a critical

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400G OSFP Optical Transceiver Modules | AscentOptics

400G OSFP Transceivers: 8x50G electrical channels supporting 32 ports/1U, compatible with 800G and 100G QSFP, compliant with IEEE 802.3bs and OSFP MSA - AscentOptics.

Jan 26, 2026

OSFP Active Optical Cables Build a Strong 400G

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OSFP Active Optical Cables Build a Strong 400G Foundation in Data Centers Search Products Content Last Updated: May 7, 2025 Future proof your

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Comprehensive Guide to 400G OSFP Optical Modules: Specs,

What Is a 400G OSFP Optical Module? OSFP (Octal Small Form-factor Pluggable) is an advanced pluggable optical module standard designed for 400G data transmission. It features eight

Apr 28, 2026

400G and 800G OSFP transceivers | Smartoptics

It is fully compliant with 400ZR and 800ZR, ensuring energy-efficient, high-density connectivity for large-scale networks. Compared to QSFP-DD, OSFP offers enhanced thermal management, making it well

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Overview of 400G OSFP Optical Module Types and

The 400G OSFP optical module has been widely used in advanced high-performance computing center network architectures, with ultra large bandwidth

Apr 19, 2026

400GBASE SR4 OSFP Flat Top Optical Transceiver

FiberMall OSFP-400G-SR4-FLT Flat Top transceiver modules use for 400 Gigabit Ethernet, via an MTP/MPO-12 connector and link on up to 50m of OM4 Multi

Feb 11, 2026

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

The 400GBASE-SR4 OSFP transceiveris an 400Gb/s Single-port OSFP, SR4 multimode parallel transceiver using a single, 4-channel MPO-12/APC optical connector. The Short Reach 4-channel

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Analysis of 400G OSFP SR4 Optical Module

The 400G OSFP SR4 optical module, with its innovative design, is redefining the performance limits of short-reach optical interconnects. As the new

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400Gb/s OSFP56 FR4 2km SMF Optical Transceiver

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For operations beyond the recommended operating conditions, optical and electrical characteristics are not defined, reliability is not implied, and such operations for a long time may damage the module.

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QSFP-DD 400G SR4 Optical Module: The New Choice

In an era where technology is advancing at an unprecedented pace, the demand for high-speed, reliable network connectivity has never been greater.

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400G Modules Compared: QSFP-DD, OSFP & QSFP112

Unsure which 400G module fits your data center? Compare QSFP-DD, OSFP, and QSFP112 with expert insights for top performance and scalability.

Jun 06, 2026

400G OSFP SR4 150M MPO-12 MMF Flat Top

400G OSFP SR4 Flat Top module is designed for 400G Ethernet and Data Center Interconnect links over 150m OM3 multi-mode fiber with MTP/MPO-12 connectors

Feb 05, 2026

OSFP Transceivers: High-Density Optical Connectivity from 400G to

Designed for high thermal capacity, electrical scalability, and forward compatibility, OSFP modules now drive connectivity across 400G, 800G and the emerging 1.6T generation.

Oct 14, 2025

Cisco 400G Digital Coherent Optics QSFP-DD Optical Modules

A key requirement was to accommodate hyperscale DCI links beyond 120 km, while maintaining the same QSFP-DD/OSFP form factors. A survey of 400G standardization efforts pointed to elements of

Nov 17, 2025

Understanding 400G Transceivers and Cables: Key Questions

OSFP: OSFP (Octal Small Formfactor Pluggable, Octal means 8) is a new interface standard and is not compatible with the existing photoelectric interface. The size of 400G OSFP modules is slightly larger

Jul 07, 2025

400G OSFP Optical Module Series by ETU-LINK:

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Get high-speed data transmission with OSFP (Octal Small Form-factor Pluggable) 400G optical modules, featuring 8 high-speed channels and

Dec 02, 2025

OSFP 400G

The 400G OSFP modules are state-of-the-art in broadband communications. With a remarkable data transmission capacity of 400 Gbps, these modules offer exceptional performance in demanding data

Apr 23, 2026

400G ZR/ZR+ OSFP-DCO

This article introduces the fundamental concept and key characteristics of 400G OSFP Ethernet optical transceivers, and analyzes their

Jun 09, 2026

400 Gbps Multi-Mode 50m OSFP Transceiver

400G OSFP Series OSFP form factor hot pluggable CMIS compliance 4 parallel lanes of 100G-PAM4 electrical and optical parallel lanes Optical port of MPO-12/APC Up to 50m reach on

Mar 02, 2026

A Comprehensive Guide to 400G OSFP Ethernet

Explore 400G OSFP Ethernet optical transceivers for modern data centers, AI and HPC networks. Learn OSFP advantages, use cases, and

Jan 10, 2026

SiPh 400G OSFP-RHS DR4 1310nm 500m Optical Transceiver

GIGALIGHT''s 400G OSFP-RHS DR4 Silicon Optical Module is a hot-pluggable optical transceiver module based on Silicon Photonics Integration Technology, designed for data center 400GBASE

Jul 05, 2025

400G OSFP

OSFP 400G Eoptolink''s EOLO-BI854HG-E-02-MXX OSFP 400G SR4.2, 8x50G Optical transceiver module are designed for use in 400 Gigabit links over 150m

Aug 27, 2025

400G OSFP-RHS FR4 EML CWDM4 2km Optical

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GIGALIGHT 400G OSFP-RHS FR4 EML CWDM4 is a hot-pluggable optical transceiver module designed for 400G Ethernet links in data centers. The module

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