

# Request a quote for an OSFP optical switch



## Overview

Request a quote or contact our optical team today. comThe Octal Small Form Factor Pluggable (OSFP) is a high-performance transceiver form factor designed for 400G and 800G optical networking. It is fully compliant with 400ZR and. This product is already in your quote request list. 6Tb/s 2x800Gb/s Twin-port OSFP224, 2xDR4/DR8 single mode, Silicon photonics-based, parallel, 8-channel transceiver using two, 4-channel MPO-12/APC optical connectors at 800Gb. Tier 1 Optical Components - Tested For Compliance, Performance & Compatibility - Limited Lifetime Warranty 100% NVIDIA Compatible 400GBase-VR4 OSFP112 Flat Top Transceiver (MMF, 850nm, 50m OM3/50m OM4, MPO-12 APC, DDM, C-Temp, InfiniBand NDR and Ethernet, CMIS 4. 0 or above) Specifications Form. COMPLIANT WITH OSFP MSA, IEEE802. 3, OIFCMIS Amphenol's 800G OSFP optical modules include 2xDR4 (plus), 2xFR4 (plus), 2xLR4, AOC, and AOC breakout series, which adopt LC or MPO optical ports and are compatible with IEEE802. 3, OIF-CMIS and other standards. They deliver excellent performance in good. Octal Small Form-factor Pluggable (OSFP) solution that fits into high-density switch and router client ports for optical interconnect links Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D Siliconization Supports. Order online for immediate processing or request a quote for volume pricing. Same-day shipping with tracking. Start optimizing your network immediately.

## Article Content

Feb 15, 2026

### 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

Jul 08, 2025

### 400G OSFP-RHS Flat-top VR4 50m OM4 NVIDIA Transceiver | Vitex

Vitex 400G VR4 OSFP-RHS flat-top transceiver, 50m OM4, MPO-12 APC. For NVIDIA Quantum-2 / Quantum-X800 InfiniBand and DGX H100 Cedar7 systems. MSA compliant.

Jun 05, 2026

### 1.6T OSFP: The Complete Guide to Next-Generation Data Center ...

FiberMall supplies 1.6T OSFP modules in both standard and OSFP-XD form factors, with compatible MPO-12, MPO-16, and duplex fiber cabling. Contact our engineering team for platform

Feb 03, 2026

### 64-port 400G QSFP-DD 25.6T Ethernet 2U Switch for AI

N9200-64DC is a high-density 400G RoCE 2U switch with 64x400G QSFP-DD ports, SONiC OS, and Broadcom Tomahawk 4 (BCM56990), providing 25.6Tbps

Sep 14, 2025

### OSFP MSA Rev 5

Abstract: This specification defines the electrical connectors, electrical signals and power supplies, and mechanical and thermal requirements of the OSFP and OSFP-RHS module, connector, and cage

Jul 09, 2025

### 800G OSFP to OSFP Passive DAC, 2m | Vitex - Vitex LLC

The D8C-P1P002C-AA is a 2m 800G OSFP-to-OSFP passive Direct Attach Copper (DAC) cable for short-reach AI and cloud data center connections inside or between adjacent racks. Both ends use

Aug 07, 2025

### OSFP Technology: Revolutionizing High-Speed

OSFP-based 800G/1.6T optical modules are becoming the norm. – Data Center Expansion: Hyperscale data centers need higher port density (e.g.,

Feb 27, 2026

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

The OSFP standard marks a pivotal step toward scalable 400G and 800G optical networking, designed from the ground up for AI, cloud, and HPC infrastructures. With open MSA

Oct 27, 2025

64-Port 800G OSFP 51.2T Ethernet 2U ONIE Switch for

It supports up to 8,192 400G NIC ports in a two-tier Leaf-Spine architecture, while

Mar 10, 2026

OSFP Connectors 2025: Design, QSFP-DD

OSFP modules are slightly larger than QSFP-DD modules, but this size increase allows for better heat dissipation and higher power envelopes (up to ~16

Jan 29, 2026

800Gb/s OSFP Transceivers | Optical Interconnect

Amphenol's 800G OSFP optical modules include 2xDR4 (plus), 2xFR4 (plus), 2xLR4, AOC, and AOC breakout series, which adopt LC or MPO

Nov 12, 2025

The 400G 100G-PAM4 OSFP and QSFP112 optical modules from

The 400G 100G-PAM4 OSFP and QSFP112 optical modules from NVIDIA provide a high-speed, reliable solution for switch connectivity. This article will detail the verification process of this

Feb 15, 2026

FS Transceivers | Premium Optical Transceivers & Fiber Solutions

From SFP modules for access layer switches to QSFP28 transceivers for core aggregation, we provide cost-effective alternatives to OEM optics without compromising performance or reliability.

Feb 03, 2026

Shop for Approved Networks 400 GB OSFP Optical Transceivers

For pricing, call your Approved Networks sales partner, or Request a Quote from us

May 30, 2026

OSFP Connector Guide: 400G and 800G Modules,

OSFP Connector Explained: Features and Benefits for 400G 800G Networks OSFP (Octal Small Form-factor Pluggable) is the high-density, hot

Sep 28, 2025

The Definitive Guide to 800G OSFP/QSFP-DD AOC Cables for

The 800G OSFP/QSFP-DD AOC Cable represents the gold standard for short-to-medium range high-speed interconnects in the modern data center. Contact our engineering team today for a

May 31, 2026

OSFP vs. QSFP vs. SFP: Which Is Right for You?

Confused about the differences between OSFP, QSFP, and SFP? This guide explains their distinct features, applications, and helps you choose the

Jul 03, 2025

Introduction to OSFP

OSFP (Octal Small Formfactor Pluggable) is a high-speed optical module packaging technology designed to meet the growing demand for ultra

Feb 21, 2026

800G OSFP to OSFP Active Optical Cable AOC 30m | Vitex

Vitex 800G OSFP-to-OSFP active optical cable, 30m. IHS finned-top connectors, plug-and-play. Validated on NVIDIA SN5600, SN6000, Quantum-2, Quantum-X800. 4-7 week lead time.

Dec 16, 2025

Introduction to OSFP Optical Transceiver

One of the nontraditional aspects of OSFP is that it integrates thermal management (heat sinking) directly into the form factor to help cool the module, similar to the microQSFP form factor that

Dec 11, 2025

Understanding OSFP: The Future of Transceivers in

Explore the OSFP transceiver: a high-speed, future-ready solution for data centers. Learn its advantages in bandwidth, thermal performance, and signal integrity.

Dec 06, 2025

## OSFP Product Family » Acacia

Octal Small Form-factor Pluggable (OSFP) solution that fits into high-density switch and router client ports for optical interconnect links. Powered by Greylock and

Aug 05, 2025

### 400G OSFP

SULITON offers customers 400G optical transceivers in a variety of different packages, including QSFP112, QSFP-DD400 and OSFP400, to meet different

Jun 30, 2025

### 800G OSFP DR8 IHS Finned-top 500m SMF Transceiver | Vitex

Vitex 800G OSFP DR8, twin-port IHS finned-top, 500m SMF, dual MPO-12 APC. Validated on NVIDIA SN5600, SN6000, Quantum-2, Quantum-X800. 2x 400G-DR4 breakout. 4-7 week lead time.

Jun 02, 2026

### 1.6T-DR8 - 1.6T OSFP224 500m Transceiver

Need a Quote or Sample? This module is available in volume or

Nov 28, 2025

### 400G and 800G OSFP transceivers | Smartoptics

Smartoptics offers a selection of 400G and 800G OSFP transceivers designed for high-performance optical networking, including: OSFP DR4 - Supports 400G and 800G transmission over single-mode

May 07, 2026

### Understanding the OSFP-XD Connector: The Ultimate

Gain a comprehensive understanding of the OSFP-XD connector, optical transceiver modules, and high-speed cables. Learn how Amphenol leads

## Contact Us

For more information, pricing, or custom solutions, please contact us:

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