

# CE Certified Standalone Switch OSFP



## Overview

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. 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. 32 OSFP Ports, Can Use Breakout for 64x 400GbE or 128x 200GbE 25. 6 Tb/s Aggregate Switch Throughput, More Than 66. 5 Billion Packets per Second 1+1 Hot-swappable Power Supplies, 6+1 Hot-swappable Fans Support SHARPV3, Adaptive Routing, Congestion Control and QoS, Self-healing Networking Support Fat. TE's Octal Small Form Factor Pluggable (OSFP) connectors and cable assemblies support aggregate data rates from 200 Gbps up to 1. 6T, enabling data center architectures to scale with evolving bandwidth and performance requirements. These input/output (I/O) solutions support aggregate data rates up to 1. 6Tbps, helping data centers meet AI-driven capacity demands with minimal. EXTREMEPORT™ OSFP

**CONNECTOR AND CAGE SYSTEMS SUPPORTING 56G, 112G & 224G**  
Amphenol's ExtremePort™ OSFP connector and cage family delivers a scalable, high-performance interconnect platform designed for next-generation data centers, high-density switch/router systems, and high-speed serial. The Cisco 8501-SYS-MT is a 51.2T 8000 series fixed data center switching platform that incorporates the Silicon One G200 network processor into the Meta Minipack3 specification while running open Source Network Operating Systems. The 8501-SYS-MT has 64x800G OSFP ports in a 4RU formfactor that hosts.

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By utilizing integrated thermal heatsink technology in the plug, OSFP products provide superior thermal performance and the signal integrity needed to support 400G data rates.



The 8501-SYS-MT has 64x800G OSFP ports in a 4RU formfactor that hosts a removeable Supervisor Controller Module (SCM) .



The NVIDIA Quantum-2-based MQM9790-NS2F switch comes with 64 400Gb/s ports on 32 physical octal small form-factor pluggable (OSFP) connectors that can be split to deliver up to 128 200Gb/s ...



The S9321-64E OSFP is a cutting-edge 800G data center switch designed to meet the demands of hyperscale data services and AI/ML clusters.



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Amphenol OSFP interconnect system has 60 contacts per port, with a 0.6mm contact pitch and 8 high speed channels. The OSFP footprint is optimized for signal integrity performance ...



The OSFP MSA is proud to introduce OSFP1600 and OSFP-XD to the industry. This whitepaper highlights the key aspects and features of each solution with the expectation that both solutions will ...



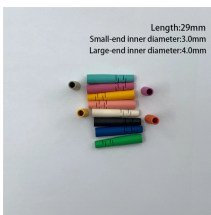
OSFP connectors are slightly larger than QSFP-DD connectors but offer increased thermal performance and signal integrity at high data rates. The OSFP system supports higher-power modules and is ...



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The modules comply with the OSFP MSA configuration with integrated closed top heat sink. These transceivers are used in AI applications for both front-end and back-end networks as well as other ...



Combined with strong electrical performance and broad system compatibility, TE OSFP connectors and cable assemblies deliver a balanced solution for today's high-density, high-power network ...

## Contact Us

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

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