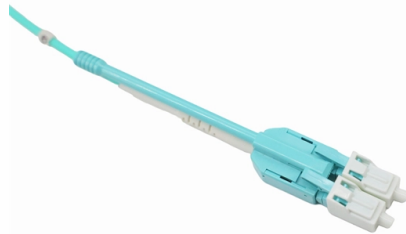


ODM Industrial Switch OSFP



Overview

In this article, you will find the complete 2026 cross-vendor reference for OSFP compatible switches, including specific models, OSFP variant requirements (IHS, RHS, XD, twin-port vs single-port), port density, breakout capabilities, and a practical selection. In this article, you will find the complete 2026 cross-vendor reference for OSFP compatible switches, including specific models, OSFP variant requirements (IHS, RHS, XD, twin-port vs single-port), port density, breakout capabilities, and a practical selection. In April 2026, a procurement engineer at a North American hyperscaler placed an order for 800 OSFP transceivers, only to discover three weeks later that the destination switches required the OSFP-RHS variant rather than the standard OSFP-IHS form she had ordered. Three weeks of project delay. Time Sync. 1x isolated input from the electronics. In a continuing effort of improvement and updated technology, product specifications are subject to change without notice. 22: While QSFP-DD remains common, the OSFP (Octal Small Form-Factor Pluggable) has emerged as a strong contender, designed from the ground up for high-power, high-speed applications such as AI training clusters, HPC fabrics, and 800G Ethernet switching. This article unpacks what the OSFP connector is. As data center bandwidth demands skyrocket, Fibrecross delivers industry-leading 400G optical transceiver modules—engineered for ultra-low latency, minimal power consumption, and rock-solid reliability. Whether you need QSFP-DD, OSFP or QSFP112 form-factors, our turnkey OEM/ODM services ensure. Fast Private Label Network Hardware Customization | Flexible MOQ Solutions Accelerate your market presence and launch your own-brand networking hardware instantly with the agile Brand Customization ecosystem from Benchu Group. Purpose-built for security brands, distributors, and system integrators.

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Welcome to OSFPmsa

Q: Are OSFP and OSFP-XD Interoperable/Cross-compatible? A: No, due to mechanical and electrical differences, OSFP modules are not compatible with

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While QSFP-DD remains common, the OSFP (Octal Small Form-Factor Pluggable) has emerged as a strong contender, designed from the ground up for high

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OSFP Compatible Switches: 2026 Vendor Guide for

Complete OSFP compatible switches guide covering Cisco, Arista, Juniper, NVIDIA. 400G/800G platform compatibility, port density, and selection.

OSFP Connector System

The Octal Small Form Factor Pluggable (OSFP) Connector System provides single- or dual-port, 8- or 16-lane I/O connectivity with DAC, AOC, ACC and optical

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OSFP MSA Rev 5

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

Contact Us

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