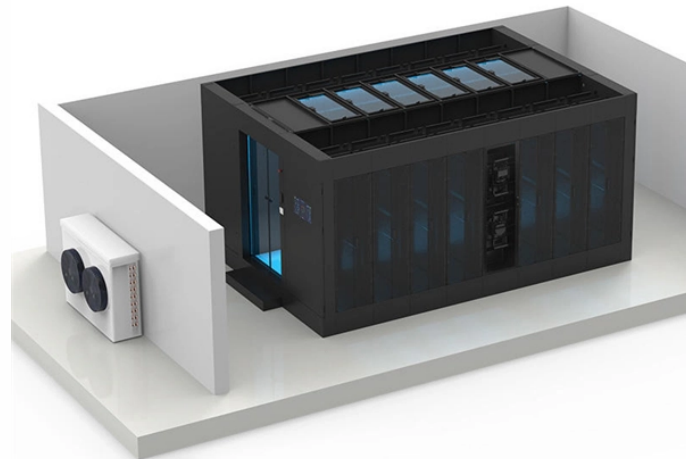


## Imported Industrial Switches OSFP



### Overview

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 modules for high-density switch applications. 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. 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. Designed to support 28G NRZ, 56G PAM4, 112G PAM4, and 224G PAM4. This specification defines the electrical connectors, electrical signals and power supplies, mechanical and thermal requirements of the OSFP Module, connector and cage systems. The OSFP Management interface is described in a separate document, Common Management Interface

Specification for 8/16X. Amphenol Communications Solutions' OSFP series interconnect system has 60 contacts per port with a 0. These products are designed for both 28G NRZ and 56G PAM-4 protocols, with a roadmap.

## Imported Industrial Switches OSFP



Amphenol's OSFP base series supports high-speed transmission with 60 contacts per port, eight high-speed channels, and a ground-supported SI structure. Optimized for 1U systems, it ...



Premium 800G QSFP-DD & OSFP modules from Sanoc Hsinchu. AI/HPC ready. Free EEPROM coding for any switch. 3-year warranty. 4-hour quote.



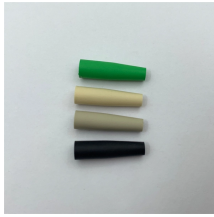
A Type 2 OSFP module provides maximum of 16mm additional length in front than a Type 1 module, and a Type 3 OSFP module provides maximum of 3.6mm additional height in the front than a Type 2 ...



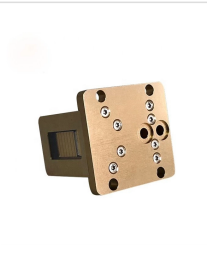
Explore the OSFP connector series by TE Connectivity, designed for high-density interconnect systems. Discover 200G to 400 Gbps solutions for modern data centers.



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 modules for high-density switch applications.



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 ...



Amphenol Communications Solutions' OSFP series interconnect system has 60 contacts per port with a 0.6 mm contact pitch and eight high speed channels. The OSFP footprint is optimized ...



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 ...



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.



Our one-stop innovations include precision-engineered cables, connectors and cages that reflect leading-edge protocols and standards, like QSFP-DD and OSFP.

## Contact Us

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

Website: <https://www.indzawo.co.za>

Email: [sales@indzawo.co.za](mailto:sales@indzawo.co.za)

Phone: +27 71 296 8473

Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

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