

Manufacturer s Industrial Switch OSFP



Overview

The OSFP Connector System offers up to 224Gbps PAM-4 per lane and 1.6Tbps aggregate data rates, addressing AI-driven capacity demands with compact, industry-standard form factors and robust thermal management. 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 1.6Tbps. Designed to support 28G NRZ, 56G PAM4, 112G PAM4, and 224G PAM4. 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. Amphenol Communications Solutions' OSFP series interconnect system has 60 contacts per port with a 0.5mm pitch. The connectors are enhanced. 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.

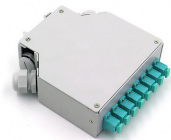
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Amphenol ExtremePort™ OSFP-XD 112G interconnect system is one of the industry's leading multi-lane pluggable form factors used across Ethernet, Fiber Channel, and InfiniBand™.



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 ...



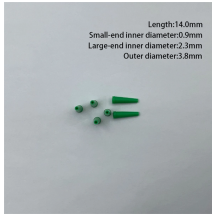
Amphenol ExtremePort™ OSFP-XD 112G interconnect system is one of the industry's leading multi-lane pluggable form factors used across Ethernet, ...



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 ...



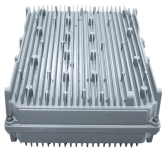
OSFP products offer high port density and can fit up to 36 ports of an 8-lane interface in a 1RU switch form factor, aligning with current and next-generation silicon roadmaps.



Amphenol Commercial OSFP Interconnect System features 60 contacts per port, with a 0.6mm contact pitch, and eight high-speed channels. The OSFP footprint is optimized for signal ...



The OSFP Connector System offers up to 224Gbps PAM-4 per lane and 1.6Tbps aggregate data rates, addressing AI-driven capacity demands with compact, industry-standard form factors and robust ...



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 ...



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.



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 ...



MQM9790-NS2F, NVIDIA® 64-Port NDR 400G InfiniBand Data Center Switch, 32 ...

Contact Us

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