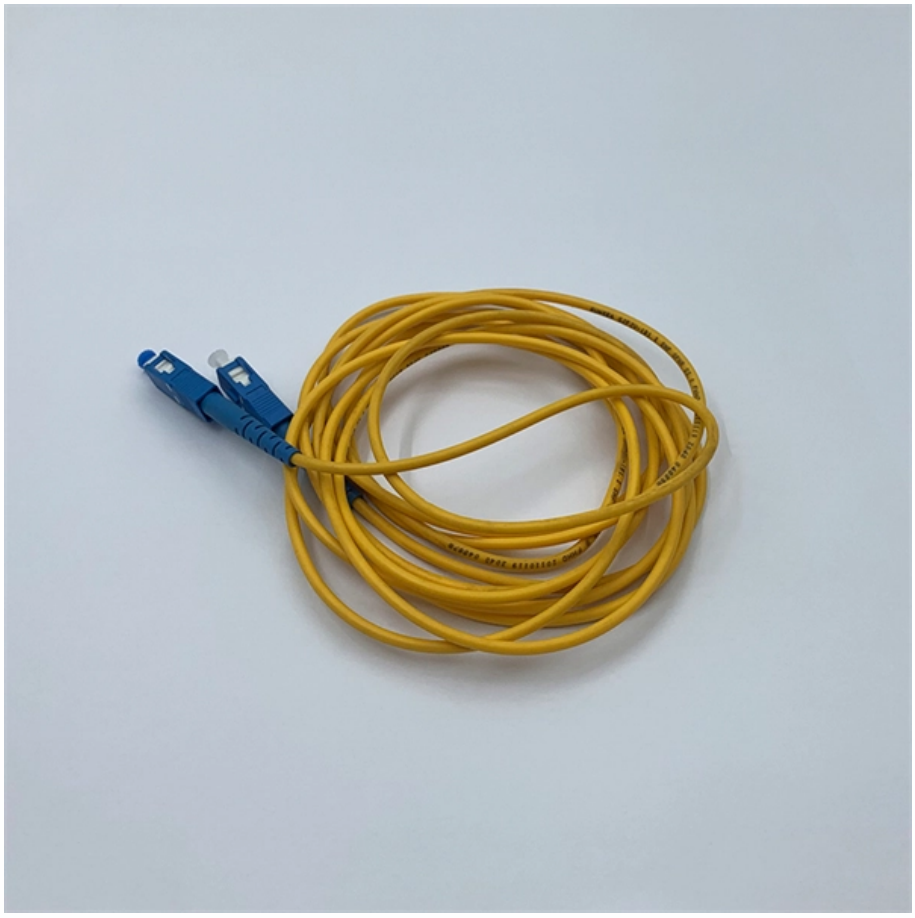
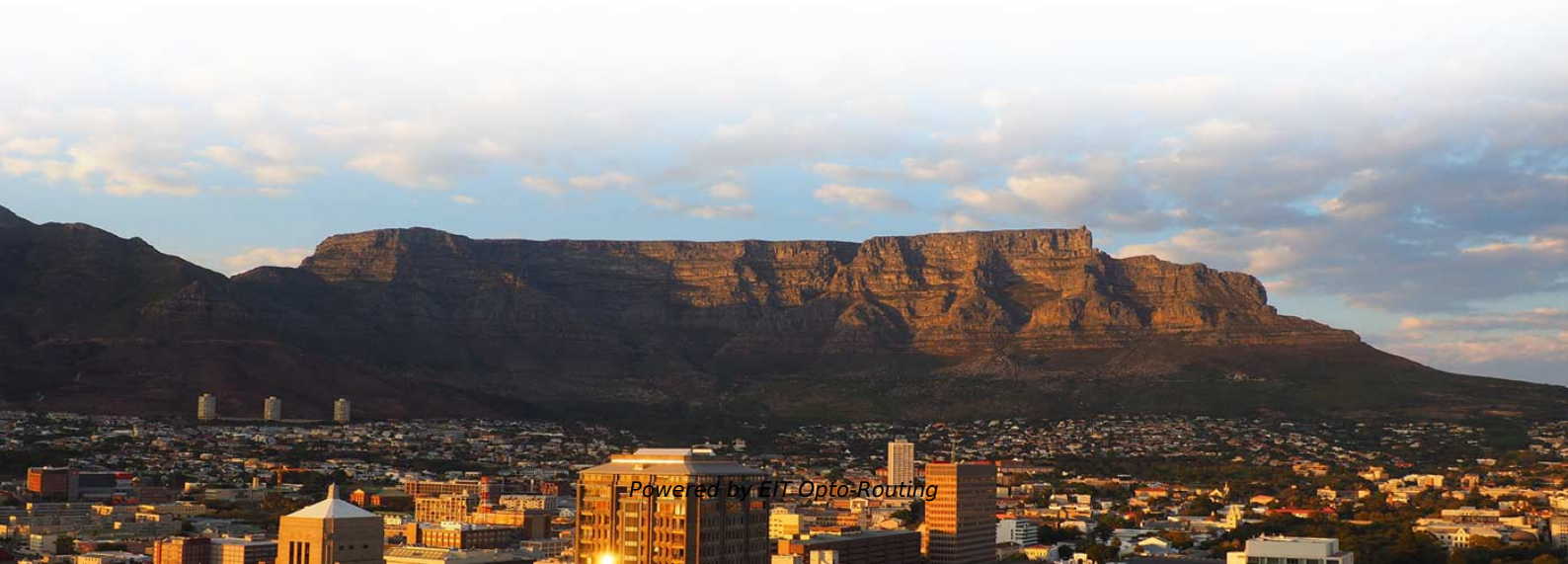
EIT Opto-Routing

Direct Sales Air-Cooled Switch OSFP





Direct Sales Air-Cooled Switch OSFP

MQM9790-NS2F, NVIDIA® 32 800G OSFP InfiniBand

This switch use connector cages that house two 400Gb/s ports in a single cage called 2x400G (800G) twin-port OSFP and are used exclusively in these air

OSFP Direct Attach Cables (200G/400G/800G DAC)

OSFP Cables (OSFP DAC Cables) by Amphenol Now In-Stock at Speeds up to 800.0 Gbps with 1600 Gbps Coming Soon! Amphenol is the largest OSFP Direct

OSFP & Switch,Hongfuhan Technology Co., Ltd.

With deep expertise in both air-cooling and cold plate liquid cooling technologies, we partner with leading equipment manufacturers to develop advanced, reliable thermal management systems for

OSFP 8x100G FR / DR8+ Liquid Cooling Module , AscentOptics

The OSFP 800G FR8+ immersion-cooled transceiver supports 2km 800G Ethernet links with 8x106.25Gbps PAM4 channels over single-mode fiber - AscentOptics.

OSFP Transceivers: High-Density, High-Speed Connectivity from

FS 1.6T OSFP closed-finned-top (OSFP-IHS) transceivers are compatible with NVIDIA Quantum-X800air-cooledandliquid-cooledswitches,andsupportbreakoutconnectivity from a 1.6T

OSFP1600_and_OSFP-XD

OSFP-XD While the OSFP1600 supports future switch silicon with 200 Gb/s electrical lanes, there is broad interest in 1.6 Tb/s optics modules with the 100 Gb/s electrical lane ecosystem. The OSFP-XD

OSFP Transceivers: High-Density, High-Speed Connectivity from

It maintains excellent thermal performance, compatible with both air-cooled switches and liquid cooling systems. The added cover also provides better EMI shielding, optimized airflow,

OSFP IHS vs OSFP RHS: Thermal Design and Key

The main difference between OSFP IHS and OSFP RHS lies in their heat dissipation methods: IHS OSFP IHS and OSFP RHS modules feature built

US20210112683A1

The present disclosure includes various embodiments of pluggable modules with liquid cooling approaches that provide substantial cooling enhancement relative to conventional air cooling

800G OSFP Liquid Cooling Optical Transceiver Modules , AscentOptics

AscentOptics' 800G OSFP optical transceivers with two-phase immersion cooling (2PIC) are fully compliant with the latest OSFP MSA standards. The firmware supports CMIS 5.0 and later versions.

400GBASE-SR4 OSFP Flat Top 850nm 100m MMF

Compatible with a variety of mainstream cooling fluids. Provides connectivity solutions for 400G immersion-cooled NICs to 800G air-cooled switches.

NVIDIA Quantum-3 4U C2P XDR IB Switch

NVIDIA Quantum-3 based XDR InfiniBand Switch,, Q3400-RA, 4U, 144 XDR Ports over 72 OSFP Cages, 8 Power Supplies (Power Cords Not Included), Standard Depth, Managed, C2P Airflow, Rail

NADDOD 1.6T Optical Transceiver Differences Analysis

Learn how to choose the right 1.6T optical transceiver. This guide compares six NADDOD 1.6T OSFP modules across protocol, cooling design, transmission reach, and connectors for AI and

OSFP-IHS vs. OSFP-RHS: Choosing the Right Thermal Solution for

Compare OSFP-IHS and OSFP-RHS thermal designs for 800G and 1.6T optical modules. Learn how to choose the right OSFP solution for air-cooled, liquid-cooled, and AI data center

A Comprehensive Guide of the Thermal Design in OSFP Modules

The design incorporates a layer of metal cover over the heat dissipation fins, which provides mechanical rigidity and EMI shielding. Combining the thermal characteristics of both finned

Arista 3m 400G OSFP DAC Twinax Cable (Passive, OSFP to

It is designed with ultra-low loss materials, square rings, twisted pair cable 8 wires and shell extension construction for superior mechanical properties and bending performance and used only in air-cooled

Thermal Optimizations for OSFP Optical Transceiver Modules

Heat dissipation and electric shielding techniques and apparatuses are disclosed to enable the operation of OSFP modules at higher bandwidths. OSFP compatible techniques are discussed including the

OSFP Thermal Form Factors Explained: Finned Top,

Closed Top, and

In general: Finned Top OSFP-IHS works well in traditional air-cooled switches with strong, uniform airflow. Closed Top OSFP-IHS is preferred in high-density switches where airflow

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and

OSFP-D2P Liquid Cooling for High-Power Optical Modules

OSFP-D2P Direct Plug Liquid Cooling: The Innovative Thermal Solution for High-Power Pluggable Optical Modules As data center interconnect speeds advance to 800G, 1.6T, and 3.2T, optical

Solving Cooling Interconnects for Next-Gen Data

High-performance data center and AI workloads are power-intensive, outpacing efficiency improvements in air-cooling technology. Power requirements

From Airflow to Liquid Cooling: A Deep Dive into 800G

Designedforair-cooledswitches,especiallytraditionalrack-mountedEthernetswitches. Improves cooling efficiency in airflow channels, ensuring

OSFP Connectors & Cable Assemblies

TE's OSFP connectors and cable assemblies address next-generation data center needs by supporting aggregate data rates of 200G and up to 400 Gbps.

OSFP Thermal Solutions , Cofan Thermal

Cofan Air-Cooled OSFP Thermal Modules are engineered to meet the increasing thermal demands of next-gen AI servers and high-speed telecom infrastructure.

Choosing the Right OSFP: Balancing Performance and Thermal

Ideal for air-cooled OSFP switches, such as standard Ethernet switches relying on chassis fan airflow for cooling. Suited for hybrid cooling setups, like NVIDIA DGX H100 Cedar systems connecting to air

OSFP MSA Rev 5

An OSFP/OSFP800 or OSFP1600 module (see section 3, section 4 and section 11) includes an air-cooled integrated heatsink (IHS) with a closed top (see section 3.3) or an open top (see section 3.4),

MMA4Z00-NS 800Gb/s Twin-port OSFP, 2x400Gb/s Multimode SR8,

Both switches use the same Twin port, 2x400G OSFP plugs for transceivers, copper DACs and ACCs, and are only used in Quantum-2 and Spectrum-4 OSFP air-cooled switches. Twin-port devices

Contact Us

For datasheets, pricing, or custom optical networking solutions, please visit: https://www.entrenamientointeligente.es