

Ethiopian manufacturer of liquid-cooled OSFP switches



Overview

Eoptolink is producing full range of OSFP (Octal Small Form Factor Pluggable) a new pluggable form factor with eight high speed electrical lanes that will initially support 400 Gbps (8x50G or 4x100G). The XPO module is approximately 2.7x wider than the OSFP form factor and delivers x8 higher bandwidth per module. Eoptolink - market leader in high speed optical transceivers: 800G, 400G QSFP56-DD and OSFP, 200G QSFP56 and QSFP-DD, 100G single lambda QSFP28 and SFP56, QSFP28 LR4 ER4 ZR4 DWDM & CWDM, CFPx. Read more! Read more! Read more! Optical Transceiver Leader! Eoptolink continuously invests in R&D and. We are a specialized thermal solutions provider focused on the critical cooling demands of high-performance data center infrastructure. Designed specifically for OSFP (Octal Small Form-Factor Pluggable) applications, these modules leverage advanced aluminum heat. NADDOD 800G InfiniBand and ethernet liquid/immersion cooling transceivers integrate a fiber optic pigtail on the optical port side of the module with flexible and customizable solutions of polarity (Type A/Type B) and connectors (Female/APC or Male/APC) for AI Data centers and HPC. It is slightly wider and deeper than the QSFP-DD but it still supports 32 OSFP ports per 1U front.



Article Content

1.6T OSFP RHS/Flat-Top Optical Transceiver: Designed for 102.4T ...

As liquid cooling solutions are increasingly adopted in switches and large-scale computing clusters, OSFP-RHS (Flat-Top) 1.6T optical transceivers are becoming a key component of high

Form Factors | Juniper Networks

OSFP and OSFP-RHS are two different form factors. You cannot have a common host for these optical transceivers. The following are the features of OSFP-RHS: 3.2 T capacity using 400G lanes

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

Designed for air-cooled switches, especially traditional rack-mounted Ethernet switches. Improves cooling efficiency in airflow channels, ensuring

Immersion Liquid Cooling Optics - GIGALIGHT

GIGALIGHT provides 10G to 800G immersion liquid cooling direct attach cable (DAC) products for immersion liquid-cooled data centers, supporting various package types such as SFP+, SFP28,

Eoptolink

Eoptolink is proud to be a member of RBA, Responsible Business Alliance, formerly known as the EICC. It provides clear and measurable benefits for factories in supply chains, including increased

OSFP OCTAL SMALL FORM FACTOR PLUGGABLE MODULE

An OSFP-RHS cage has a lower height than an OSFP cage and makes use of a riding heat sink for cooling. The forward stop feature in an OSFP-RHS cage is shifted compared with an OSFP cage to

Arista targets AI data centers with new liquid cooled

"All large AI data centers will be liquid cooled and the switches that go into these data centers also need to be liquid cooled," Bechtolsheim and

Stäubli Drives Next-Generation Liquid Cooling Standards for AI Data ...

The new Mini-QD technology enables the liquid cooling of next-generation optical pluggable modules such as OSFP and QSFP devices that are expected to reach up to 1.6 terabits

Liquid Cooling Networking □NADDOD

NADDOD 200G QSFP56, 400G OSFP, and 800G OSFP InfiniBand and ethernet liquid/immersion cooling transceivers deliver exceptional cooling efficiency and compatibility.

OSFP1600_and_OSFP-XD

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

Exploring the Future of AI Networking: Liquid-Cooled Switches on the ...

Cisco is actively innovating in direct-to-chip liquid cooling for high-performance switches, laying the groundwork for solutions that will enable seamless and scalable AI at unprecedented

OSFP | High Speed Interconnects | Amphenol

EXTREMEPORT™ OSFP CONNECTOR AND CAGE SYSTEMS SUPPORTING 56G, 112G & 224G Amphenol's ExtremePort™ OSFP connector

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.

Product Demo | OSFP 2x8 Belly to Belly Liquid Cooling

Tech Demo Product Demo | OSFP 2x8 Belly to Belly Liquid Cooling Demonstration | DesignCon 2025 This demo from DesignCon 2025 highlights how we're

Introducing the Mini QD at OFC 2026 | Advanced Cooling for Optical

Engineered for switch trays exceeding 35 W, the Mini QD addresses the most demanding constraints where space, reliability, and precision are non-negotiable and fits to liquid cooled OFSPs.

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

OSFP Thermal Solutions | Cofan Thermal

Supporting optical transceivers from 800G up to 3.2T, Cofan's solutions are also adaptable to both air- and liquid-cooled systems, ensuring efficient thermal performance across a wide range of

Solving Cooling Interconnects for Next-Gen Data

Amphenol's liquid-cooled solution for front-panel pluggables is available for OSFP in a 1x8 ganged configuration and QSFP-DD in a 2x8 ganged

OSFP MSA Rev 5

Abstract: 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

Product Demo | OSFP 2x8 Belly to Belly Liquid Cooling ...

Product Demo | OSFP 2x8 Belly to Belly Liquid Cooling Demonstration | DesignCon 2025 Amphenol Communications Solutions 5.77K subscribers Subscribe

OSFP & Switch, Hongfuhua 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

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

400G OSFP

Eoptolink is producing full range of OSFP (Octal Small Form Factor Pluggable) a new pluggable form factor with eight high speed electrical lanes that will initially

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

400GbE OSFP SR4 liquid/immersion cooling transceiver (flat top), 3M MPO-12/APC Female Type A plug, 4x106.25GBd data lanes, for short-range MMF data

XPO: Redefining Pluggable Optics for AI Networking

By combining a dual-paddle mechanical architecture, integrated liquid-cooling cold plate, clean linear electrical channel, and high-voltage power delivery, XPO dramatically increases optical density while

Next-Gen AI Cooling by Stäubli at OCP

About Stäubli in Liquid Cooling Stäubli is a trusted engineering partner in the global transition to liquid-cooled data centers, designing and manufacturing

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