

El Salvador Overseas Warehouse Liquid-Cooled Switch QSFP



Overview

QSP-100M485-1HCM-ILC is a Four-Channel, Parallel, -Optic QSFP28 transceiver for 100G Base-SR4 Ethernet Applications. This transceiver is a high performance module for short-reach multi-lane data communication and interconnect applications especially for liquid immersion environment. QSFP-DD is a new module and cage/connector system similar to current QSFP, but with an additional row of contacts providing for an eight lane electrical interface. It is being developed by the QSFP-DD MSA as a key part of the industry's effort to enable high-speed solutions. QSFP-DD extends the use. Imagine a data center where even the most powerful switches run cool and stable—without noise, thermal throttling, or energy waste. Cisco is actively innovating in direct-to-chip liquid cooling for high-performance switches, laying the groundwork for solutions that will enable seamless and. GIGALIGHT provides the smart box tools for online coding of SFP, XFP, SFP+, QSFP+, and QSFP28 optics, as well as wavelength tuning for 10G tunable XFP/SFP+ optical transceivers. Chips, switches, connectors, cables and optical module technologies are at the core of networks—and impact every branch right down to individuals and corporate enterprises, where delays or downtime can be critical. at sink and overall system design for QSFP-DD modules is shown to be effective. This whitepaper will explain techniques that can be used to achieve this goal in QSFP-DD module design and QSFP-DD system design, and to handle the highest power module that a user may want to deploy in the system.

Article Content

Sep 16, 2025

QSFP-DD CONNECTORS & CABLE ASSEMBLIES PRODUCT

QSFP-DD 2x1 cages and connectors" stacked configuration allows for more height from the host board to allow for a more unified airflow and larger ASIC heat sink products.

Oct 03, 2025

400G QSFP112 850nm Immersion Liquid Cooling Module | AscentOptics

Liquid Cooling Transceivers 400G QSFP112 850nm Immersible Optical transceiver
This cable series the lack of optical transceivers which perform reliability in immersion even liquid immersion depth up to

Aug 22, 2025

100G QSFP28 850nm Immersion Liquid Cooling Module | AscentOptics

This interface uses a single address, A0h, with a memory map divided into a lower and upper area. Liquid cooling technologies removes the heat more efficiently with dielectric fluids that have high heat

Apr 08, 2026

QSFP-DD: Enabling 15 Watt Cooling Solutions

This provides advantages for cooling of the host switch chip because it maximizes the heat sink height. Challenges of the stacked design include signal integrity of the high speed traces to

Aug 24, 2025

400G QSFP-DD Immersible Cooling Extender

Fiberstamp 400G QSFP-DD immersion cooling extender (GLQE-PC401-DXX) is an important part of liquid immersion solution, normal QSFP-DD form

Oct 03, 2025

400G QSFP112 SR4 Liquid Immersion Cooling Optical Transceiver ...

JTOPTICS® Liquid-Immersion-Cooled 400G QSFP112 SR4 Active Optical Cable (AOC) is purpose-built for next-generation immersion-cooled data centers and high-performance computing environments,

Dec 27, 2025

Closed Loop Liquid Cooling Shipping?

Im buying an h100i for my gaming pc but i live overseas so the shipping will take quite a long time. Im wondering if the liquid cooler thats in the box can somehow leak due to the different

Apr 16, 2026

200G QSFP56 Immersible Cooling Extender

FIBERSTAMP's 200G QSFP56 immersion cooling extender, plays a vital role in this liquid immersion solution. It allows standard QSFP transceivers/AOCs to function

Dec 15, 2025

EL SALVADOR LIQUID COOLED BATTERY CABINET

El Salvador container new energy battery factory AES' Meanguera del Golfo solar plant—the first of its kind in Latin America—relies on enhanced solar-plus-battery storage technology to deliver

Oct 17, 2025

QSW-308S | Cost-effective entry-level 10GbE Switch

The QSW-308S is a 3-port 10G SFP+ and 8-port Gigabit Unmanaged Switch, allowing you to instantly upgrade to a hybrid high-speed network environment at

Dec 04, 2025

Immersion 400G QSFP-DD SR8 850nm 100m (328ft)

FIBERSTAMP 400G QSFP-DD SR8 liquid-cooled optical module is designed for immersive data center 400GBASE-SR8 Ethernet links. It utilizes 50G PAM4 and

Oct 19, 2025

Immersion Liquid Cooling Optics - GIGALIGHT

GIGALIGHT provides the smart box tools for online coding of SFP, XFP, SFP+, QSFP+, and QSFP28 optics, as well as wavelength tuning for 10G tunable XFP/SFP+ optical transceivers.

Dec 09, 2025

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,

Feb 24, 2026

El Salvador Liquid Cooling Systems Market | Size 2032

The analysis of El Salvador Liquid Cooling Systems Market outlines supply chain dynamics, forecast trends, and key market restraints affecting growth.

Nov 28, 2025

Cisco Optical Transceiver Handling Guide

Handling Guidelines for QSFP-DD, QSFP, SFP Transceiver This guide describes the general handling measures and precautions when handling optical transceivers to ensure they can be handled with

Jan 21, 2026

Molex QSFP-DD BiPass Module Cooler Helps

The new Molex QSFP-DD thermal solution can cool a range of 15W to 20W in different configurations with a 15 degree Celsius change from ambient

Apr 12, 2026

Advanced Thermal Management Strategies | Molex

Thermal management plays a pivotal role in enhancing the reliability and efficiency of high-power pluggable optical modules. Explore the latest strategies in air and

Aug 22, 2025

El Salvador Freight Forwarders & Trucking Companies | OPCA

Explore El Salvador's top freight forwarders and haulers. Find trusted shipping, cargo, and transportation companies in one comprehensive directory.

Nov 09, 2025

NEXT-GEN DATA CENTER INFRASTRUCTURE RAISES THERMAL

SFP-DD cage can receive two optical or electrical cable assemblies. An array of high-speed, high-density solutions revolving around various small form-factor pluggable modules, such as SFP, SFP+,

Oct 25, 2025

Solutions

Cisco is leading this innovation with ongoing R&D into direct-to-chip liquid-cooled switching platforms. By connecting you to this technology path before launch, we invite you to

Jan 14, 2026

Optimizing QSFP-DD Systems to Achieve at Least 25 Watt

Due to the commonality of the thermal considerations between QSFP-DD and QSFP-DD800, this paper will typically just refer to QSFP-DD but will call out specific differences for QSFP-DD800 where they

Nov 29, 2025

El Salvador Mitsubishi Auto Parts & Accessories

El Salvador Mitsubishi Auto Parts & Accesorios Directo de fábrica OEM genuino Mitsubishi Auto Parts en línea a precios de mayorista. Cuando compra Mitsubishi

Oct 14, 2025

Cold Plate Cooling Investigation for High-Speed Electronic Interconnect

Fan cooling solution which was conventionally used for QSFP-DD is no longer adequate to meet the demanding thermal management requirements. In the current work, water-cooled cold

Sep 28, 2025

SFP+/QSFP28 Extender

Solution for Liquid Immersion Cooling System. Liquid cooling has been an accepted method of conditioning electronics for more than half a century. Immersion

Aug 29, 2025

QSFP-DD: Enabling 15 Watt Cooling Solutions

It has been demonstrated that the QSFP-DD module/cage design in both stacked and belly-to-belly configurations can support thermal loads beyond 15W as needed for next generation

Jun 21, 2026

H3C Data Center Switches Green Energy-Efficient Technologies

Liquid cooling has higher thermal transfer efficiency than air cooling. It uses liquid convection and heat transfer to lower the temperature of electronic components, preventing component failures or rapid

Contact Us

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