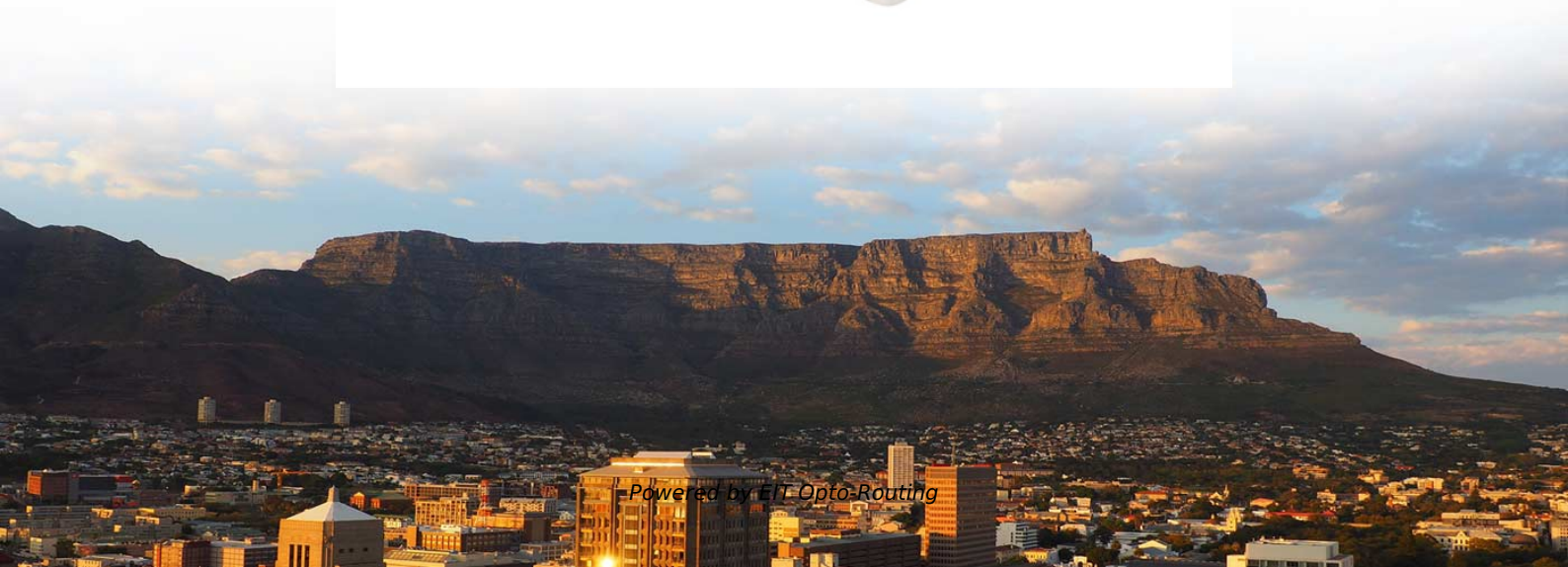


# **Compatible QSFP-DD liquid-cooled switch supplier in Romania**





## Overview

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Mouser offers inventory, pricing, & datasheets for Molex QSFP-DD. This guide provides a comprehensive overview of QSFP-DD compatible switches across major vendors, explains the fundamentals of backward compatibility at the port level, and outlines how to verify transceiver compatibility before procurement. Extra cooling fins are used on top to support 17-Watt transceivers—hence the name "2x400G twin-port OSFP finned-top". 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. His rollback plan assumed the old modules would still work—they did—but that didn't solve his problem. 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.



## **Compatible QSFP-DD liquid-cooled switch supplier in Romania**

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# **Solving Cooling Interconnects for Next-Gen Data**

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To support this nascent and fast-growing market, Amphenol has developed new product lines compatible with alternative technology such as

## **QSFP-DD Connector System**

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QSFP-DD Interconnect System's 8-lane electrical interface transmits 28G NRZ, 56G PAM-4 and 112G PAM-4, up to 200, 400 or 800 Gbps aggregate. Backwards

## **High-Speed Hardware and Immersion Cooling**



## Solutions , FIBERSTAMP

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Features 1/4/8-channel full-duplex active optical cable 850nm VCSEL transmitter and PIN receiver Hot-pluggable SFP+/QSFP28/QSFP-DD/OSFP/OSFP-RHS MSA-compliant connectors Compliant with

## QSFP-DD Compatible Switches: Complete 2025 Vendor Guide

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This guide provides a comprehensive overview of QSFP-DD compatible switches across major vendors, explains the fundamentals of backward compatibility at the port level, and outlines

## Cisco 400G QSFP-DD Cable and Transceiver Modules

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The Cisco® family of QSFP-DD modules provides the industry's highest bandwidth density



while leveraging the backward compatibility to lower-speed

## **QSFP-DD CONNECTORS & CABLE ASSEMBLIES PRODUCT**

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Our QSFP-DD cages feature a proprietary heat sink design, making them the only solution to work in 15-18W applications at a low cost - providing superior thermal and signal integrity performance.

## **Immersion Liquid Cooling Optics - GIGALIGHT**

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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,



## **Molex QSFP-DD BiPass Thermal Cooling Configuration**

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The BiPass solution allows higher wattage modules to be cooled and will help designers on the path toward 112 Gbps. As the industry is readying for

## **2023 QSFP-DD MSA Thermal Whitepaper Final (for approval)**

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As was the case for previous generations, the universally-adopted QSFP-DD family continues to extend its performance threshold, use cases, and backwards-compatibility. QSFP-DD1600 establishes a

## **QSFP-DD Connectors, Cages and Cable Assemblies**

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QSFP-DD provides high-performance computing capability. The QSFP interconnects



density is doubled with electrical interface, providing superior thermal and signal

## **QSFP and QSFP+ Interconnect Solutions**

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QSFP and QSFP+ Interconnect Solutions A Quad Small Form-factor Pluggable (QSFP+) solution designed for high-density applications Molex's quad small form-factor pluggable (QSFP+)

## **Complete QSFP-DD Compatibility Guide for Data Centers**

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Complete QSFP-DD compatibility guide with switch matrix, firmware requirements, and MSA compliance. Verify module compatibility before you buy.



## QSFP-DD Optical Transceivers for High-Speed

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Cisco offers a comprehensive portfolio of QSFP-DD modules across copper, multimode fiber, and single-mode fiber, optimized for a broad range of

## Liquid Cooling Solutions

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Advanced Liquid Cooling Solution - Purpose-built thermal solutions for any cooling budget Professionally designed, built, & tested to meet the most demanding server/storage/data center needs.

## Immersible Extender

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A new standalone product, the Immersion Liquid Cooling Extender, is designed for immersion-cooled data centers. It extends the electrical interface of the server to



## 400G QSFP-DD Immersible Cooling Extender

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

## QSFP-DD Hardware

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Abstract: This specification defines: the electrical and optical connectors, electrical signals and power supplies, mechanical and thermal requirements of the pluggable QSFP Double Density (QSFP

## Connectors and Cages

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This enables the QSFP-DD cages in switches to support backwards compatibility to



4-channel QSFP56, QSFP28, and QSFP+ devices, which engage only the first row of 4 pins in the 8

## All About QSFP Cables, Connectors, and More

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Amphenol is your industry leader when it comes to the innovation, design, manufacture, and supply of high-performance cable connectors and

## How to Achieve Interconnection Between OSFP and QSFP-DD Ports?

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This article outlines key OSFP and QSFP-DD differences and offers four practical interconnection solutions to support scalable 400G/800G data center networks.



## Connectors and Cages

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Based on 8-channels of 50G-PAM4, QSFP-DD is used only in Spectrum-3 SN4000 400G Ethernet and Spectrum-4 SN5400 switches. 200G QSFP56 is used for 4-channels of 50G

### Contact Us

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