

RoHS compliant liquid-cooled switch 1 6T



Overview

6T 2xDR4/DR8 OSFP flat-top optical transceiver module provides up to 1600Gbps aggregate throughput and can be applied in liquid cooling environments. Without heat sink, it can be fitted with the equipment in a tight fit, so it has a large contact area and is convenient for heat. 1. The parallel single mode, short reach 8-channel (2x DR4/DR8), uses 200G-PAM4 modulation and has a maximum fiber reach of 500-meters using 8 single mode fibers. ensure efficient high-performance interconnectivity. Fully compliant with OSFP MSA, IEEE 802. 3, and OIF-CMIS standards, and RoHS compliant per EU directives 2011/65 and 2015/863. Complies with EU Directive 2011/65/EU (RoHS compliant) NVIDIA/Mellanox compatible 1. The. As AI clusters and HPC fabrics push beyond 800G per port, network architects need a clean, power-efficient path to 1. 6T InfiniBand XDR —without compromising interoperability, density, or thermal headroom.

Article Content

Alpha : Unveils 1.6T Liquid-Cooled Switch at COMPUTEX 2025

Alpha Networks addresses this challenge with its liquid-cooled 1.6T switch, delivering superior thermal performance in a more compact form factor. This not only enhances data center

NVIDIA Mellanox InfiniBand Compatible 1.6T OSFP224

The 1.6T FR8 OSFP supports both Ethernet and InfiniBand XDR end-to-end system applications. Designed for supercomputing and HPC, this 1.6T OSFP transceiver

Celestica DS6001 | 1.6T Cloud & Data Center Switch

Designed for advanced cooling environments, it features hybrid air + liquid cooling with ORv3 compatibility, making it especially suitable for high-density

OSFP-DR8-1.6T-FL Data Sheet | FS

It is the ideal solution for supercomputing and HPC industries, seamlessly integrating into computing and storage infrastructure to ensure efficient high-performance interconnectivity. The flat-top (OSFP

152BJ1322 BIGO Manufacturer, Function, Datasheet

152BJ1322 BIGO Manufacturer, 152BJ1322 BIGO Datasheet, 152BJ1322 BIGO specifications, 152BJ1322 BIGO PDF, pinouts, technical, info, cross, 152BJ1322 BIGO application, 152BJ1322

1.6T OSFP Transceivers

Amphenol's 200G/lane optical modules support DR4, FR4, 2xDR4, 2xFR4, AOC, and breakout AOC configurations with LC or MPO ports — ideal for 800G/1.6T ethernet applications. Fully compliant

Celestica Introduces New Family of 1.6TbE Data Center Switches to

The DS6000 is a 3RU, 64-port x 1.6TbE data center switch for traditional air-cooled data center installations. The DS6001 is a 2OU, 64-port x 1.6TbE switch offering a hybrid cooled solution

NVIDIA/Mellanox MMS4C11-XM-RHS (980-9IAU1-00XM00)

This module is ideal for 1.6T liquid-cooled switch-to-switch interconnects, providing high-bandwidth, low-latency links in AI, and HPC data center networks.

Generic Compatible 1.6T 2xDR4/DR8 OSFP Flat Top

1.6T 2xDR4/DR8 OSFP flat-top optical transceiver module provides up to 1600Gbps aggregate throughput and can be applied in liquid cooling environments. Without

1.6T OSFP Transceivers | Optical Transceivers | Amphenol

The OSFP 1.6T LPO transceivers (500m, SMF) are also compliant with OSFP MSA, IEEE 802.3, OIF-CMIS, and RoHS standards, and are

ACS Liquid Cooling Cold Plate Requirements Document

Introduction This document outlines the requirements related to Liquid Cooling Cold Plate technology, which may be used in the Open Compute Project (OCP) environment. Liquid cooling technology is

RoHS Compliant Toggle Switches

Description RoHS Compliant Toggle Switches are designed to control the flow of electricity in a circuit by manually opening or closing the circuit. These switches are compliant with the Restriction of

Liquid-cooled switch delivers 102.4 Tbps switching

The 1.6T switch from Alpha Networks employs a liquid-cooled solution that delivers more than 1.8 KW of cooling capacity per liquid-cooled board. The

IP1469 RoHS Tech. Manual

The RoHS Directive applies to equipment that is within the scope of the Directive (see page 2). None of the "homogeneous materials" within compliant products must contain the six restricted substances at

1.6T OSFP Transceivers | Optical Transceivers | Amphenol

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Alpha Networks Launches 1.6T Liquid-Cooled Switch with ...

Today's read: Alpha Networks Launches 1.6T Liquid-Cooled Switch with Broadcom TH6 Chip for AI Data Centers [Inkd /gH-WYP8N](#) Alpha Networks, the leading supplier of network ...

Alpha Networks Adopts Latest Broadcom TH6 Chip for 1.6T Liquid

To meet the even more demanding cooling challenges of tomorrow, Alpha Networks' 1.6T liquid-cooled switch will not only help customers deploy infrastructure with even higher

Alpha Networks Unveils 1.6T Liquid-Cooled Switch at COMPUTEX

The newly launched 1.6T switch features an advanced liquid cooling system, offering a cutting-edge solution that addresses energy efficiency and carbon reduction needs across diverse

RoHS Lightweight/Compact (UL Standards) Temperature stability 0.1 C

Temperature stability $\pm 0.1^{\circ}\text{C}$ / Compact A precision temperature control method which utilizes expansion valves and temperature sensors allowed for the realization of a product with a high

Optech 1.6T OSFP DR8 | NVIDIA MMS4A00

The Optech 1.6T DR8 module is designed with a maximum power consumption of 25W, helping maintain stability in dense switch

BTH50060-1LUA

Green Product (RoHS compliant) To meet the world-wide customer requirements for environmentally friendly products and to be compliant with government regulations the device is available as a green

Alpha Networks switch supports up to 100,000 GPU

Alpha Networks Inc. announced the launch of its 1.6T liquid-cooled switch equipped with the Broadcom Tomahawk 6 chip to deliver up to 102.4 Tbps

NVIDIA DGX GB200 USER MANUAL Pdf Download

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RoHS Exemption List Version 2

The following RoHS Exemption List is based on the latest RoHS legislation (Including decision for amendment) and the exemption items table of JAMP (Joint Article Management Promotion

Liquid-Resistant RoHS Compliant

General The Thinswitch Limit Switch verifies ejector plate return when tied into the machine control. Placed next to the rest buttons in a mold, the switch protects the mold from premature closure after

Liquiphant FTL31

Point level switch for liquids Application The Liquiphant FTL31 is a point level switch for liquids and is used in tanks, vessels and pipes. It is used for overflow protection or pump protection in cleaning and

NVIDIA/Mellanox MMS4A00 Compatible 1.6T

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Liquid-cooled switch delivers 102.4 Tbps switching

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