

Manufacturer PAM4 Liquid-Cooled Switch



Overview

The main application for MMA4Z00-NS is linking two switches together with up to 50-meter transceivers (marked blue).

Article Content

High Density 50G/400G PAM-4 Capable Rugged

Amphenol's Rugged 256 Channel Ethernet Switch Box is liquid cooled and configurable for system connectivity, speeds, port types, and interoperation with

NVIDIA Spectrum-6 SN6000 Ethernet Switch Systems Hardware User

The SN6600-LD is a fully liquid-cooled switch, featuring 64 RHS type OSFP cages supporting 128 ports of up to 800 Gb/s in a compact 2RU form factor. It provides 102.4 Tb/s of total throughput for scalable

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

The main application for MMA4Z00-NS is linking two switches together with up to 50-meter transceivers (marked blue). A flat-top version offered for liquid-cooled and DGX H100 Cedar7

156-Channel 50G/400G PAM-4 Rugged Ethernet

Amphenol's Rugged 156-Channel 50G/400G PAM-4 Ethernet Switch Box is conduction cooled and configurable for system connectivity, speeds, port types,

NVIDIA/Mellanox MMS4A00 (980-9IAH1-00XM00) Compatible 1.6T

The Closed Finned Top (OSFP-IHS) version is suitable for Quantum-X800 air-cooled and liquid-cooled switches. It is the ideal solution for supercomputing and HPC industries, seamlessly integrating into

224G High-Speed Solutions

224 Gb/s PAM4 high-speed mezzanine BGA connector with integrated power. The Titen™ product series supports both mezzanine board-to-board and board-to-cable applications,

224 Gbps-PAM4 High-Speed Data Center Technology | Molex

Built for 224 Gbps-PAM4, these robust cables offer superior mechanical durability and excellent shielding to minimize crosstalk and deliver better signal integrity (SI) performance at a higher Nyquist

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

NVIDIA/Mellanox Compatible 1.6T 2 x FR4 OSFP Flat

NVIDIA/Mellanox Compatible 1.6T 2 x FR4 OSFP Flat Top PAM4 1310nm 2km DOM Dual Duplex LC/UPC SMF InfiniBand XDR Optical Transceiver Module for Liquid

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Molex Unveils Multi-Channel Liquid Cooled Busbar Capability at Computex 2026 to Power Next-Generation AI Data Centers Sign up for Signal Integrity Journal

Optical Component Startup Tracker

The number of venture-backed optical component startups has exploded - the Optical Component Start-Up Tracker identifies these companies

NVIDIA MMA4Z00-NS twin port transceiver 800G OSFP 850nm MMF

Finned-top OSFP for air-cooled switches. Flat-top OSFP for DGX- H100 or liquid-cooled. 850nm VCSEL. 800G 2xSR4 multimode transceiver. 50m using OM4 fiber. Supports two straight

OSFP Transceivers: High-Density Optical Connectivity from 400G to

As hyperscale data centers shift toward AI-optimized fabrics and ultra-high-bandwidth switching platforms, the OSFP (Octal Small Form-Factor Pluggable) form factor has become central

Linear Drive Pluggable (LPO) Early Adoption: 800G Engineering

A deep-dive guide to Linear Drive Pluggable (LPO) early adoption. Learn about 800G signal integrity, SerDes tuning, RS-FEC limits, and TCO for AI data centers.

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