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

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

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

Home Page | Signal Integrity Journal

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

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

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.

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: https://cjcconsultants.co.za
Technical inquiry: https://cjcconsultants.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 CJC FIBRE CONSULTANTS - All rights reserved