

Manufacturer s air-cooled switch QSFP-DD



Overview

Manufacturer: Amphenol Communications Solutions. 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. 8mm pitch and a dual-mating interface. QSFP-DD connector portfolio's backwards compatibility allows. Supporting the continuing growth in the bandwidth demand and datacenter traffic driven by networking and AI/ML requirements, the QSFP-DD (Double Density) Interconnect System delivers 8 lanes with up to 28 Gbps NRZ or 56 Gbps-PAM4 (up to 400 Gbps aggregate) in a compact footprint that is backward. The QSFP-DD interconnect system is comprised of a 76-position, 0. The cage and connector design provides backwards compatibility to QSFP28. Quad Small Form-Factor Pluggable Double-Density (QSFP-DD) offers twice as many high-speed electrical interfaces as QSFP28 while maintaining the same port density.

Article Content

QSFP-DD Optical Transceivers for High-Speed Connections

QSFP-DD ports incorporate a riding heatsink that can be sized independently of the optical module, added on top of the module, or placed between modules. This flexibility enables switch and routing ...

7050X4 Series 100G | 200G | 400G Data Center Switches

The 7050CX4M-48D8 is a 2RU system with 48 100G QSFP-28 and 8 400G QSFP-DD ports, offering wire speed throughput of up to 8.0 Tbps with MACsec encryption support.

QSFP-DD Connectors, Cages and Cable Assemblies

QSFP-DD provides high-performance computing capability. The QSFP interconnects density is doubled with electrical interface, providing superior thermal and signal integrity.

Amphenol QSFP DD Series I/O Connectors - Mouser

Mouser offers inventory, pricing, & datasheets for Amphenol QSFP DD Series I/O Connectors.

QSFP-DD Connector System

QSFP-DD Interconnect System enables faceplate density equal to the current 2x1 QSFP form factor, but with 8-lane ports. In other words, a total of 256 differential pairs with 32 ports delivers double-lane ...

QSFP-DD Connectors | High Speed I/O | Amphenol

Amphenol's QSFP-DD interconnect system delivers high-speed performance with exceptional signal integrity. With 76 contacts per port, eight high-speed channels, and grounded, low ...

QSFPDD Datasheet (PDF)

Description: QSFP DD Connectors. Manufacturer: Amphenol Communications Solutions.

UE36-C26200-05C3A | QSFP DD | Amphenol

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