

Technical Specifications of Standalone Switch QSFP-DD



Overview

Amphenol's QSFP-DD high-speed connector family features a scalable, high-performance interconnect platform with 76 contacts on a 0.8mm pitch and a dual-mating interface. This QSFP-DD (quad small form-factor pluggable double density) doubles the capacity of QSFP interconnects with an eight-lane electrical interface capable of 28 Gbps NRZ, 56 Gbps PAM4, and 112 Gbps PAM4 to achieve up to 800 Gbps per port. The QSFP-DD portfolio's backwards compatibility. NRZ and 56 Gbps PAM4 Cable As es all components (backshells, cable, populated PCBs) from Molex. Ensures high-quality components are com 0 Gigabit Ethernet and InfiniBand 100 Gigabit (EDR) applications. Each port supports up to 400 Gbps in aggregate over an 8 x 50 Gbps electrical interface. Panel EMI fingers atta ed with folded tabs.



Article Content

QSFP-DD Hardware

QSFP-DD MSA family of modules and cages remain fully backward compatible with the classic QSFP+ formfactor. This document

QSFP-DD CONNECTORS & CABLE ASSEMBLIES PRODUCT

TE Connectivity's (TE) QSFP-DD (quad small form-factor pluggable double density) doubles the density of QSFP interconnects with

800Gb/s QSFP-DD Transceivers

Amphenol's 800G QSFP-DD optical modules include 2xFR4(plus), 2xLR4, AOC, and AOC break-out series, which adopt LC or MPO

QSFP-DD Connectors, Cages and Cable Assemblies

QSFP-DD (quad small form-factor pluggable double density) doubles the capacity of QSFP interconnects with an eight-lane electrical

QSFP-DD Technology Explained: How It Enables 400G Networks

In this article, we will explore QSFP-DD technology by breaking down its technical specifications and comparing it with QSFP56. We

Management Interface

Abstract: This specification defines: the electrical and optical connectors, electrical signals and power supplies, mechanical and

QSFP-DD (Double Density) Interconnect System and Cable Assemblies

QSFP-DD Interconnect System's 8-lane electrical interface transmits up to 28 Gbps NRZ or 56 Gbps PAM-4, up to 200 or 400 Gbps

QSFP-DD Hardware

21 DD1600) connector and cage system. QSFP-DD MSA family of modules and cages remain fully backward 22 compatible with the

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://gmarkconstruction.co.za>

Email: sales@gmarkconstruction.co.za

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

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