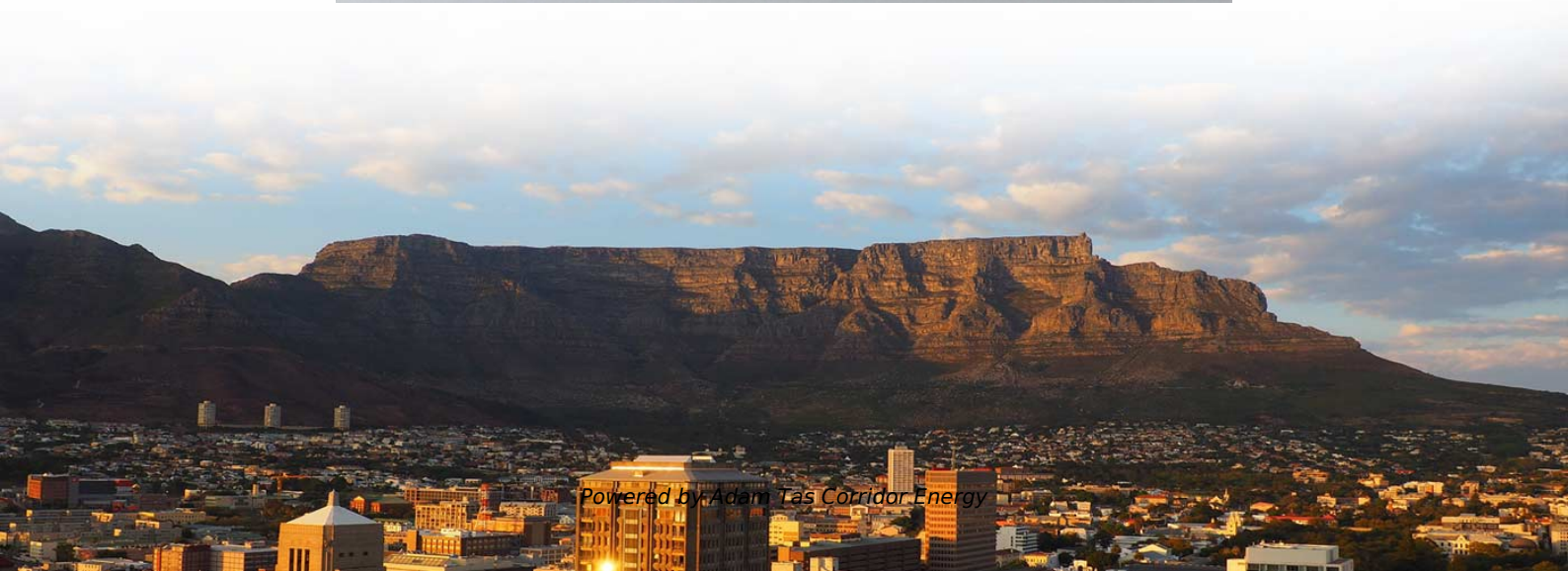
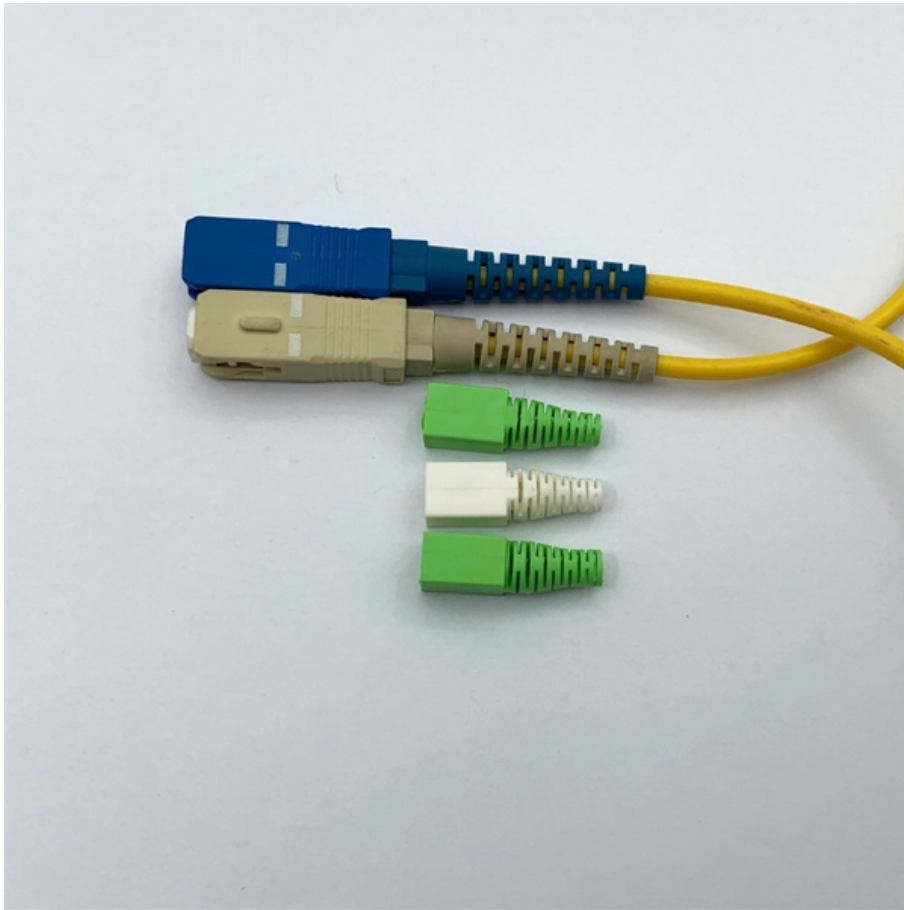




Adam Tas Corridor Energy

Manufacturer s air-cooled switch QSFP-DD





Overview

TE Connectivity's (TE) QSFP-DD (quad small form-factor pluggable double density) doubles the density of QSFP interconnects with an eight-lane electrical interface capable of 28 Gbps NRZ or 56 Gbps PAM-4 to achieve 200 or 400 Gbps aggregate per port. It is being developed by the QSFP-DD MSA as a key part of the industry's effort to enable high-speed solutions. Amphenol's QSFP-DD high-speed connector family features a scalable, high-performance interconnect platform with 76 contacts on a 0. Mouser offers inventory, pricing, & datasheets for Amphenol QSFP DD Series I/O Connectors. Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D. This guide provides a comprehensive overview of QSFP-DD compatible switches across major vendors, explains the fundamentals of backward compatibility at the port level, and outlines how to verify transceiver compatibility before procurement.



Manufacturer s air-cooled switch QSFP-DD



QSFP-DD Power & Thermal Management Guide for Data Centers

Complete QSFP-DD power and thermal guide with module power data, rack calculations, AI cluster planning, and cooling strategies for 400G and 800G deployments.

400G QSFP-DD Cable and Transceiver Modules Data Sheet , FS

QSFP-DD to 4xQSFP28 cable assemblies are high performance, high bandwidth and cost effective interconnect solutions that support 400G standard applications with different data rates.



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

QSFP-DD pluggable modules boost data density

Each QSFP-DD port provides 76 electrical contacts, which can support next-generation



switching chips for higher density applications.
The QSFP-DD is



QSFP-DD Product Family » Acacia

Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links

SFP/QSFP , Advanced Thermal Solutions

Test set-up of different heat sink designs on QSFP28 connector cages. Through testing, analytical modeling and computer simulations, ATS

Wall Mount Cabinet Server Racks



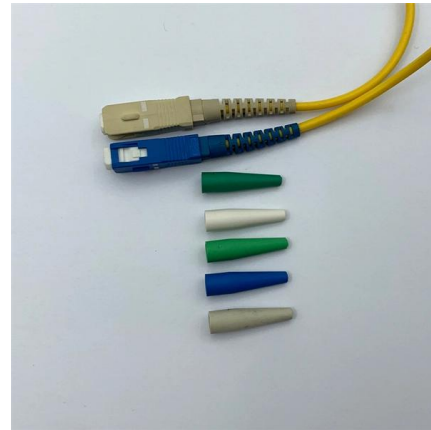
PRODUCT SPECIFICATION

3.2 INDUSTRY DOCUMENTS QSFP-DD MSA
Specification - QSFP-DD supports up to 400 Gb/s
Cage (Style A)



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

Amphenol's QSFP-DD high-speed connector family features a scalable, high-performance interconnect platform with 76 contacts on a 0.8mm

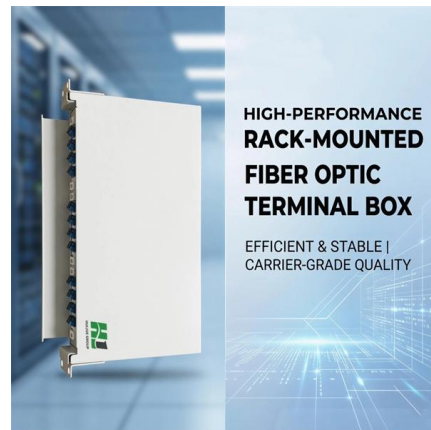


200GBASE-SR4 QSFP56 850nm 100m MMF

Compatible with a variety of mainstream cooling fluids. Provides connectivity solutions for 200G immersion cooling NICs to 200G air-cooled switches.

QSFP DD Connectors

Amphenol Communications Solutions' QSFP DD interconnect system is comprised of a 76-position, 0.8 mm pitch connector built for use in high-speed serial applications.



QSFP-DD CONNECTORS & CABLE ASSEMBLIES PRODUCT

Our QSFP-DD cages feature a proprietary heat sink design, making them the only solution to work in 15-18W applications at a low cost - providing superior thermal and signal integrity performance.



UE36-C26200-05C3A , QSFP DD , Amphenol

This part was provided by Diotec and contains a generic symbol name. This part's symbol and footprint need to be mapped after import.



QSFP DD Connectors

QSFP DD Connectors Amphenol ICC's QSFP DD interconnect system is comprised of a 76-position, 0.8mm pitch connector built for use in high speed serial applications. Each port supports up to 400

QSFP-DD CONNECTORS & CABLE ASSEMBLIES PRODUCT

The QSFP-DD portfolio's backwards compatibility allows existing QSFP modules to be plugged into QSFP-DD ports. Our QSFP-DD cages feature a proprietary heat sink design, making them the only



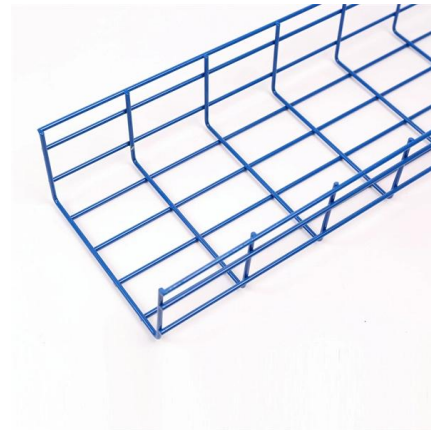
QSFP-DD Cage

1x1, 1x4, 2x1 and 2x6 cage configurations Fin- and Pin type heat sink available Industry leading signal integrity (SI report on request) Up to 112Gbps-PAM4 per



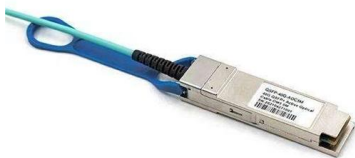
QSFP Double Density (DD) Interconnect System

Amphenol Commercial QSFP Double Density (DD) Interconnect System is backwards mating compatible with QSFP products. The connectors



All About QSFP Cables, Connectors, and More

Amphenol is your industry leader when it comes to the innovation, design, manufacture, and supply of high-performance cable connectors and



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





Amphenol QSFP DD Series I/O Connectors - Mouser

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

Amphenol QSFP DD Series I/O Connectors - Mouser

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



Connectors and Cages

QSFP-DD cages in switches can accept QSFP112, QSFP56, and QSFP28 devices using 50G-PAM4 or 25G-NRZ modulation. QSFP112 cages in adapters and DPUs can accept QSFP56,



TE Connectivity

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

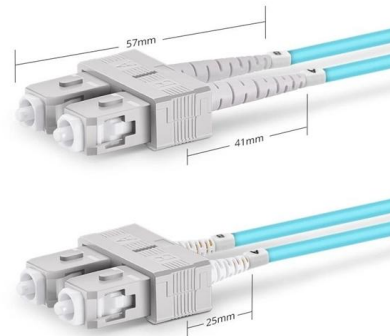


QSFPDD Datasheet (PDF)

Part #: QSFPDD. Download. File Size: 403Kbytes. Page: 3 Pages. Description: QSFP DD Connectors. Manufacturer: Amphenol Communications Solutions.

QSFP DD Connectors

QSFP DD Connectors Amphenol ICC's QSFP DD interconnect system is comprised of a 76 position, 0.8mm pitch connector built for use in high speed serial applications. Each port supports up to



Duplex SC UPC



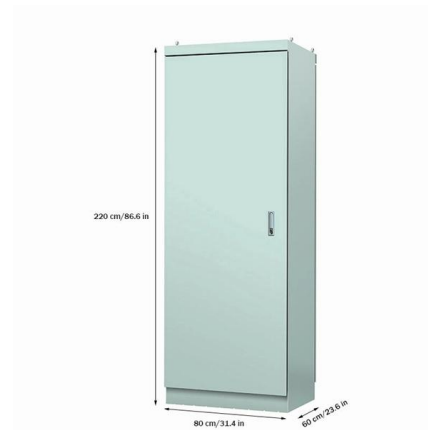
QSFP DD Connectors Datasheet

Amphenol's QSFP DD Connectors datasheet ATTENTION: Due to high order volume, orders may require up to 4 additional business days to process.



QSFP-DD Compatible Switches: Complete 2025 Vendor Guide

Find which switches support QSFP-DD modules. Our 2025 guide covers Cisco, Arista, Juniper and NVIDIA platforms with backward compatibility tips.



Optimizing QSFP-DD Systems to Achieve at Least 25 Watt

Abstract High performance network environments need to cool pluggable optical modules efficiently. Higher power (25 Watt) modules for QSFP-DD800 systems must dissipate this heat effectively to

Contact Us

For datasheets, pricing, or custom telecom energy solutions, please visit:
<https://koskolong.co.za>