Cuba DAC High-Speed Cable QSFP-DD



Overview

The Double-density QSFP 400G DAC is fully compliant with the QSFP-DD Multi-Source Agreement (MSA). It features two 400G QSFP-DD connectors and one passive copper cable, providing 400G data rates. The cable assembly meets IEEE 802. 3cd and Infiniband standards with substantial signal integrity margin providing high performance and. hin or between adjacent racks. As a passive cable, it requires no external power, relying on host d romagnetic interference (EMI). Available in various lengths, it adapts to. 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. QSFP-DD connector portfolio's backwards compatibility allows. Amphenol's QSFP DD (Quad Small Form Factor Pluggable Double Density) copper cable assemblies double the number of channels from 4 to 8 lanes when compared to the existing QSFP cabling systems, enabling more bandwidth within the same mechanical envelope. Compatible with 25G/Lane NRZ up to 112G/Lane. The Volex DAC cable product family includes cable assemblies with Small Form-factor Pluggable (SFP), Quad Small Form-factor Pluggable (QSFP), and Octal Small Form-factor Pluggable (OSFP) single and double density modules.



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Article Content

Volex 400G QSFP-DD Passive DAC Cable

As next-gen data centers deploy faster speed in a tighter space, they need high performance cables that reduce power consumption, provide reliable operation and are low cost. Volex''s QSFP-DD cable is

400G QSFP-DD Passive DAC Cable

The 400G QSFP-DD to QSFP-DD Passive Direct Attach Copper (DAC) Cable is a cost-effective solution for short-range, high-speed

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

QSFP DD Cable Assemblies | High Speed Input Output

Amphenol''s QSFP DD (Quad Small Form Factor Pluggable Double Density) copper cable assemblies double the number of channels from 4 to 8

Direct Attach Copper (DAC) Cables

High-speed Volex Direct Attach Copper (DAC) cables deliver reliable, energy-efficient data transfer for data centers. Customizable, tested and ready to deploy.

QSFP Cables Explained 2025: Types, DAC vs AOC,

Learn about QSFP cables: QSFP+, QSFP28, QSFP56, QSFP-DD. Compare DAC vs AOC, speeds, lengths, and use cases in data centers.

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.

400G QSFP-DD Passive Direct Attach Copper Twinax Cable | FS

FS 400G QSFP-DD passive cable assembly can provide new generation performance of QSFP by higher date transfer rate.

In-Depth Analysis of QSFP-DD 400G DAC Cables

What is a Double Density QSFP DAC? The Double-density QSFP 400G DAC is fully compliant with the QSFP-DD Multi-Source Agreement (MSA). It features two 400G QSFP-DD

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Direct Attach Cable (DAC) Assemblies

The Quad Small Form-factor Pluggable Double Density (QSFP-DD) Interconnect Solution is specifically designed to meet high-density applications with its efficient use of space, power, and port density.

DAC vs AOC vs Fiber + Optics: Which Should You Choose?

Should I use a DAC cable, an AOC cable, or Fiber + Optical Transceivers? Many buyers assume the solution with the longest transmission distance is automatically the best. In reality,

800G AEC, 800G OSFP to 800G QSFP-DD Active Electrical Cable,

10Gtek''s 800G OSFP to 800G QSFP-DD Active Electrical Cable (AEC) is designed for use in 800 Gigabit Ethernet links, up to 5 meters. The module has 8 independent electrical input/output

InfiniBand Cable Axiom QDD-400G-DAC 400G DAC 1m QSFP-DD

Axiom 400G DAC cable for high-speed InfiniBand connectivity. 1m length, QSFP-DD connector. Perfect for data centers. Order today.

Direct Attach Cable (DAC) Solutions for High-Speed Networking

For Taiwan manufacturer Optech, DAC products are an important part of a complete high-speed connectivity portfolio. Based on the product image, Optech offers a broad range of Direct

Twinax DAC Cable Guide for High-Speed Networks

Learn how Twinax DAC cables work, compare Passive vs Active DAC, and choose the right DAC, AOC, or fiber solution for high-speed data centers.

QSFP-DD Connector System

QSFP-DD Interconnect System''s 8-lane electrical interface transmits 28G NRZ, 56G PAM-4 and 112G PAM-4, up to 200, 400 or 800 Gbps aggregate. Backwards compatible with QSFP.

QSFP-DD TRANSCEIVERS for 400G and 800G

QSFP-DD transceivers double the number of high-speed electrical interfaces in QSFP to achieve 400G Ethernet speeds – and double them again to reach 800G.

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP+

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical support & wholesale pricing.

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

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