

Australian DAC High-Speed Cable QSFP-DD



Overview

Customized 400G QSFP-DD Active Electrical Cable, Product Specification: Part Number - QDD-400G-AExxx, Vendor Name - FS, Form Factor - QSFP-DD to QSFP-DD, Max. Data Rate - 400Gbps, Media - Copper, Cable Type - Active DAC (AEC) In modern data centers and enterprise networks, Quad Small Form-factor Pluggable (QSFP) cables are everywhere. They connect servers, switches, and storage at speeds from 40G to 400G and beyond. Thanks to their four-lane parallel architecture, QSFP cables combine high bandwidth with compact design. Volex's QSFP-DD (Double Density) passive direct attach copper cable doubles the number of lanes of the previous 100/200Gbps generation QSFP28/56 from 4 to 8. The cable assembly meets IEEE 802.3cd and Infiniband standards with substantial signal integrity margin providing high performance and. QSFP-DD Cables (QSFP-DD DAC Cables) by Amphenol Now In-Stock at Speeds up to 800.0 Gbps with 1600 Gbps Coming Soon! Amphenol is the leading QSFP-DD Direct Attach Cable (DAC) manufacturer and Cables on Demand offers you access to the same 400G and 800G QSFP-DD DAC Cables powering the world's most. This article explores the benefits and limitations of 400G QSFP-DD DAC Twinax Cables, including a comparison with 400G AOC vs. 400G optical transceivers with fiber cables. The QSFP-DD portfolio's backwards compatibility allows existing QSFP.



Article Content

Unlocking Performance with 400G QSFP-DD DAC Cables: High-Speed ...

400G QSFP-DD DAC Cable: High-Speed, Low-Latency Data Center Connectivity What Is a 400G QSFP-DD DAC Cable? A 400G QSFP-DD (Quad Small Form-factor Pluggable Double Density)

Hilink Optics QSFP QSFPDD OSFP 10G SFP

If you have any questions about Hilink Optics CWDM DWDM QSFP QSFPDD OSFP 10G SFP transceivers, we will give the professional solutions to you.

200 G QSFP-DD to (8x) 25G SFP28 Twinax Copper Passive DAC Cable

200G QSFP-DD to 8x25G SFP28 Passive Direct Attach Copper Breakout Cable application is "break-out" DAC assembly which is a hybrid transition from a QSFP-DD on one terminal to eight individual

400G QSFP-DD DAC: High-Speed Direct Connect Solution

Innoptical provides high-performance 400G QSFP-DD direct attach cables for high-bandwidth connections in your data center. Experience low latency, seamless integration, and optimized

Meet Optech at COMPUTEX 2026 Taipei: DAC, AEC and ACC Cable

Optech will showcase high-speed optical transceivers and cable solutions, including DAC, AEC, ACC, 400G / 800G / 1.6T OSFP series, QSFP-DD, OSFP-DD and fanout cable solutions.

Small Form-factor Pluggable

Note that the QSFP/QSFP+/QSFP28/QSFP56 are designed to be electrically backward compatible with SFP/SFP+/SFP28 or SFP56 respectively. Using a

200G QSFP-DD to 8x25G SFP28 Passive DAC Breakout Cable: 200G-PDAC-QSFP ...

200G QSFP-DD to 8x25G SFP28 Passive DAC Breakout Cable Overview Our 200G QSFP-DD to 8x25G SFP28 Passive DAC Breakout Cable delivers ultra-high-speed connectivity for next

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

This article explores the benefits and limitations of 400G QSFP-DD DAC Twinax Cables, including a comparison with 400G AOC vs. 400G DAC vs. 400G optical transceivers with fiber cables.

400G QSFP-DD Passive High-Speed Cable - LINKSIA

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.

200G QSFP-DD Passive DAC Twinax Copper Cable (0.5-3m): 200G-PDAC-QSFP-DD

200G QSFP-DD Passive DAC Cable Overview Our 200G QSFP-DD Passive DAC Twinax Copper Cable delivers ultra-high-speed connectivity for next-generation data centers and high-performance

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.

400G-PDAC-QSFP-DD-OSFP-0.5

400G QSFP-DD to OSFP56 Passive DAC Cable Overview Our 400G QSFP-DD to OSFP56 Passive DAC Twinax Copper Cable delivers next-generation ultra-high-speed connectivity for hyperscale

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/OSFP/QSFP112 (400G)

It provides a QSFP-DD-to-QSFP-DD copper direct-attach solution. 400G QSFP-DD DAC cables are suitable for very short links and offer a cost-effective way to establish a 400-Gigabit link between

QSFP DD Cable Assemblies | High Speed Input Output

Amphenol QSFP DD (Double Density) passive copper cable assemblies double the number of channels from 4 to 8 lanes when compared to

200G-PDAC-QSFP-DD-2QSFP28-0.5

200G QSFP-DD to 2x100G QSFP28 Passive DAC Breakout Cable Overview Our 200G QSFP-DD to 2x100G QSFP28 Passive DAC Breakout Cable delivers ultra-high-speed connectivity for next

What you need to know about 400G QSFP-DD DAC Cables

A 400G QSFP-DD (Quad Small Form-factor Pluggable Double Density) DAC (Direct Attach Copper) cable is a high-speed interconnect cable commonly used in data centers for short-distance, high

400G QSFP-DD Active Copper Twinax Cable (ACC) 3M Plug-and-Play DAC

The JFOPT 400G QSFP-DD High-Speed Active Twinax Cable delivers high-quality connections without external power supply. Compliant with IEEE 802.3cd and SFF-8636 MSA standards, it provides

Customized 400G QSFP-DD Active Electrical Cable

Customized 400G QSFP-DD Active Electrical Cable, Product Specification: Part Number - QDD-400G-AExxx, Vendor Name - FS, Form Factor - QSFP-DD to QSFP-DD, Max. Data Rate - 400Gbps,

NVIDIA Mellanox® 980-9IAM2-00X001 — 1600Gb/s OSFP Active Copper Cable

What This Is NOT NOT a passive DAC. This cable contains integrated active signal-conditioning electronics. It is not a passive direct-attach copper (DAC) assembly. NOT an optical cable or AOC.

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

QSFP28 Transceiver: Complete 100G Connectivity Guide (2026)

For more on cable selection in next-generation networks, our QSFP-DD cable compatibility guide covers similar principles for 400G deployments. QSFP28 Power & Thermal Management

QSFP Cables Explained 2025: Types, DAC vs AOC, and DC Use Cases

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

QSFP-DD Direct Attach Cables (200G/400G/800G DAC)

Our High-Speed QSFP-DD Cables are QSFP-DD MSA compliant and protocol agnostic for worry-free integration into 200/400/800-Gigabit Ethernet and InfiniBand networks.

Contact Us

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

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

Email: sales@gmarkconstruction.co.za

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

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

