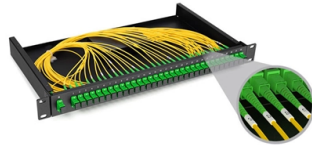


Kuwait DAC High-Speed Cable QSFP-DD



AI Overview

QSFP-DD DAC cables in Kuwait provide high-speed, high-density connectivity for 200G, 400G, and 800G Ethernet and InfiniBand networks, supporting both passive and active configurations.

Overview

QSFP-DD (Quad Small Form-factor Pluggable Double Density) DAC cables are designed for high-performance data center interconnects, offering 8-channel electrical interfaces that double the lanes of traditional QSFP systems, enabling higher bandwidth within the same mechanical footprint . These cables are compatible with 25G/Lane NRZ and 50-112G/Lane PAM4 signaling, supporting aggregate data rates of 200G, 400G, and 800G .

Key Specifications

- Data Rates: Up to 400 Gbps for standard DACs, with some active variants supporting up to 800 Gbps .
- Channel Configuration: 8 channels per QSFP-DD port, each capable of 28Gbps NRZ or 50-56Gbps PAM4 .
- Compliance: IEEE 802.3bj, 802.3by, 802.3cd, InfiniBand EDR, SAS 3.0, and QSFP-DD MSA standards .
- Variants: Passive copper DACs for short-range, low-power connections; active DACs for longer reach and higher reliability .
- Breakout Options: QSFP-DD to multiple SFP56 or QSFP28 ports for flexible network topologies, including 400G to 8x50G or 400G to 4x100G configurations

Article Content

Jul 03, 2026

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

Jul 03, 2026

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

Description In an effort to keep up with the demands of higher performance and increasing amounts of memory bus bandwidth, FS

Aug 28, 2025

SFP+ Cables

Online shopping. w/24h-delivery, 7Days & Refund Guarantee. CE, RoHS and ISO9001 Certified. SFP+ Cables, QSFP+ Cables,

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QSFP DD Cable Assemblies | High Speed Input Output

Amphenol's QSFP DD (Quad Small Form Factor Pluggable Double Density) copper cable

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QSFP-DD Connectors, Cages and Cable Assemblies

Supporting the latest high-speed standards, TE's high speed I/O copper cable assemblies are engineered

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Learn about QSFP cables: QSFP+, QSFP28, QSFP56, QSFP-DD. Compare DAC vs AOC,

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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.

Nov 04, 2025

NADDOD DAC Cables for NVIDIA DGX Spark

In DGX Spark interconnect architectures based on MikroTik CRS804, the NADDOD DGX

Apr 07, 2026

QSFP DD Cable Assemblies | High Speed Input Output | Amphenol

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

Mar 25, 2026

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

Feb 14, 2026

QSFP Cables Explained: DAC, AOC, Breakout, and

QSFP cable assemblies are a practical way to build high-speed links inside modern data

Nov 05, 2025

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

May 04, 2026

High-Speed Cable Assemblies

High-Speed Pluggable I/O Cable Assemblies Supporting the latest high-speed standards, our pluggable I/O copper high speed cable

Jun 28, 2026

C-FLINK technology|DAC High speed copper cable|AOC optical cable

The cable complies with the QSFP-DD MSA standard specification and provides connectivity between devices using the QSFP-DD

Aug 22, 2025

400G OSFP to 400G QSFP-DD DAC Twinax Cable

0-Gigabit links over very short distances. It is specifically designed for connecting 400G ports of switches and routers

Mar 18, 2026

800G QSFP-DD PCC/ACC

The GIGALIGHT 800G QSFP-DD pluggable direct attach copper (DAC) cable includes Passive Copper Cables (PCC) and Active

Jun 14, 2026

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

QSFP-DD Cables (QSFP-DD DAC Cables) by Amphenol Now In-Stock at Speeds up to 800.0 Gbps with 1600 Gbps Coming Soon!

Dec 24, 2025

What are the different types of QSFP cables?

QSFP-DD DACs use the QSFP-DD connector and are designed for 400 Gbps data rates. They provide a cost

Oct 18, 2025

Cisco 400G QSFP-DD Cable and Transceiver Modules

QDD-4ZQ100-CuxM cables are suitable for very short links and offer a cost-effective way to

May 31, 2026

QSFP-DD Cable Guide: DAC vs AOC vs AEC & Breakout

Compare QSFP-DD cables: DAC, AEC, AOC, and breakout. Learn length limits, power differences, polarity

Jan 20, 2026

Voilex 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,

May 28, 2026

200G QSFP28-DD Direct Attach Cable | AscentOptics

200G QSFP28-DD DAC Product Descriptions 200G QSFP28-DD (Double-Density) DAC cables are passive Direct Attach Copper

Jun 20, 2026

400G QSFP-DD DAC Cable

Hilink 400G QSFP-DD passive copper cable assembly feature eight differential copper pairs, providing four

May 06, 2026

High-Speed Interconnect Technology:

This article provides an in-depth overview of SFP28, SFP56, QSFP28, QSFP56, QSFP-DD,

Oct 05, 2025

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

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The Ultimate Guide to QSFP Cables: What You.

The Ultimate Guide to QSFP Cables: What You Need to Know? SFP vs. SFP+ vs. QSFP

May 10, 2026

800G QSFP-DD Passive Direct Attach Copper Twinax Cable

Description The 800G QSFP-DD Passive Direct Attach Copper Twinax Cable is designed for use in 800GBASE Ethernet. This cable

Oct 19, 2025

800G QSFP112-DD Direct Attach Cable | AscentOptics

800G QSFP-DD DAC (Passive Direct Attach Copper) enables high-bandwidth 800G links and supports 800G Ethernet rate. The

May 17, 2026

QSFP Cables Explained 2025: Types, DAC vs AOC,

This guide explains everything you need to know about QSFP cables: their types, how they

Contact Us

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