

# Tariff Costs Air-Cooled Switch QSFP-DD



## Overview

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year TCO analysis for data center buyers. QSFP-DD pricing creates significant challenges for buyers due to the extreme opacity of the market. Standard procurement guides list endless catalog numbers without valuable context, overwhelming engineers with technical specifications while completely obscuring actual market costs. This guide. 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 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. Information and reports on QSFP Imports Under HS Code 85176290 along with detailed shipment data, import price, export price, monthly trends, major exporting countries countries, major importing countries and major ports. 400G QSFP-DD Transceiver, 400GBASE-DR4, MPO-12,500m parallel. It is being developed by the QSFP-DD MSA as a key part of the industry's effort to enable high-speed solutions.

## Article Content

QSFP-DD vs OSFP: Which 400G/800G Form Factor

Compare QSFP-DD and OSFP. Learn about size, compatibility, cooling, density, and use cases. Includes comparison tables, deployment

QSFP-DD Connectors, Cages and Cable Assemblies

TE's QSFP-DD products work cost effectively in 15-18W applications leveraging proprietary heat sink technology. Our new connectors are fully backward-compatible, providing an easy upgrade path from

400G QSFP-DD Price

Maximize Budget, Ensure Timely Delivery. 400G QSFP-DD Transceiver, 400GBASE-DR4, MPO-12,500m parallel. 400G QSFP-DD Transceiver,400G-FR4,Duplex LC,2km Duplex SMF. 400G QSFP

NEXT-GEN DATA CENTER INFRASTRUCTURE RAISES THERMAL MANAGEMENT STAKES

An array of high-speed, high-density solutions revolving around various small form-factor pluggable modules, such as SFP, SFP+, QSFP, QSFP+ and zQSFP, gained considerable traction in

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year TCO analysis for data center buyers.

The Ultimate Guide to QSFP Cage Connectors and

In order to find out where the future lies in this competitive quest for speed of data transmission, it is observed that QSFP (Quad Small Form-factor

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

Molex QSFP-DD BiPass Module Cooler Helps

The new Molex QSFP-DD thermal solution can cool a range of 15W to 20W in different configurations with a 15 degree Celsius change from ambient

QSFP-DD Connector System

QSFP-DD Interconnect System enables faceplate density equal to the current 2x1 QSFP form factor, but with 8-lane ports. In other words, a total of 256 differential pairs with 32 ports delivers double-lane

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

64-port 400G QSFP-DD 25.6T Ethernet 2U Switch for AI Data Center

For the sample orders, if it met with the Free Shipping policy, then shipping and delivery cost would be covered by NADDOD. But if it is not, then the shipping and delivery cost and additional charges in

Cisco Optical Transceiver Handling Guide

Handling Guidelines for QSFP-DD, QSFP, SFP Transceiver This guide describes the general handling measures and precautions when handling optical transceivers to ensure they can be handled with

400G OSFP/QSFP-DD/QSFP112 Module Introduction and Selection

This article explores the technical characteristics, product lineup, and use cases of 400G OSFP/QSFP-DD/QSFP112 modules to choose the most suitable 400G solution for your data centers.

ECOC23: 1.6 Tbps Pluggable QSFP-DD specification

The release updates the existing QSFP-DD MSA spec and introduces the QSFP-DD1600 module variant, extending QSFP-DD leadership to 1.6 Tbps

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

The QSFP-DD family supports legacy QSFP channels on the front interface and four additional channels on the rear interface. This interconnect system optimizes density and power

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

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

Understanding QSFP Switches: A Comprehensive

Explore the latest QSFP switches for modern network solutions with this comprehensive guide. Learn about port configurations, features, and more.

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 Imports Under HS Code 85176290 | QSFP import price | Zauba

Information and reports on QSFP Imports Under HS Code 85176290 along with detailed shipment data, import price, export price, monthly trends, major exporting countries, major importing

## How to Achieve Interconnection Between OSFP and QSFP-DD Ports?

This article outlines key OSFP and QSFP-DD differences and offers four practical interconnection solutions to support scalable 400G/800G data center networks.

## Connectors and Cages

Based on 8-channels of 50G-PAM4, QSFP-DD is used only in Spectrum-3 SN4000 400G Ethernet and Spectrum-4 SN5400 switches. 200G QSFP56 is used for 4-channels of 50G

## Specification - QSFP-DD

August 7, 2020 - QSFP-DD Hardware Specification for QSFP DOUBLE DENSITY 8X PLUGGABLE TRANSCEIVER - Rev 5.1 July 11, 2019 - QSFP-DD Hardware Specification for QSFP

## QSFP-DD: Enabling 15 Watt Cooling Solutions

QSFP-DD represents a flexible, low cost solution that leverages years of past system and module/cage thermal experience. It offers the greatest flexibility to the industry to customize their

## 400G OSFP/QSFP112/QSFP-DD | Transceiver Modules

FS provides an expanding portfolio of 400G OSFP/QSFP112/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility. The 400G transceiver modules are ideal

## SFP vs QSFP: Key Differences and How to Choose for

Learn the differences in speed, lanes, density, cost, and use cases. Includes tables, FAQs, and guidance on choosing SFP or QSFP for servers, AI,

## 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

## Contact Us

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