

Quotation for QSFP-DD High-Speed Optical Connectors for Data Center Interconnection



Article Overview

QSFP-DD Active Optical Cables (AOCs) and transceivers for DCI range from approximately \$1,400 for short-reach 400G modules to over \$130,000 for long-haul 800G coherent ZR+ modules, depending on reach, vendor, and module type.

Pricing Overview

- Short-Reach 400G QSFP-DD AOCs (SR8): Ideal for in-rack or cross-row connectivity, priced between \$1,400 and \$1,800 from reputable third-party vendors .
- Medium-Reach Modules (DR4, FR4): Suitable for inter-row or campus links, third-party pricing is competitive, typically \$3,000–\$6,000, depending on distance and vendor .
- Long-Reach Modules (LR4, ZR, ZR+): Designed for metro, regional, or wide-area DCI, OEM LR4 modules can exceed \$10,000, while coherent ZR+ modules for distances over 1000 km may cost \$130,000 or more .

Technical Specifications

- Form Factor: QSFP-DD (Quad Small Form-Factor Pluggable Double Density) supports 400G and 800G Ethernet speeds, with backward compatibility to QSFP28 for breakout applications .
- Active Optical Cables (AOCs): Contain integrated transceivers, lightweight, thin, a...

Article Content

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QSFP-DD Optical Transceivers – MapYourTech

QSFP-DD (Quad Small Form-Factor Pluggable Double Density) represents a transformative advancement in optical

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

Amphenol's QSFP-DD high-speed connector family features a scalable, high-performance interconnect platform with

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High Speed Cables for Next Generation Data Communication

SFP is a high speed IO interconnect. It is suitable for in-rack as well as out-of-rack connections among servers and

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QSFP-DD Optical Transceivers for High-Speed Connections

Network operators are looking for cost-optimized optical solutions that provide increased density and reduced power

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What Are the Types of 100G QSFP28 Cables?

From providing flawless, high-bandwidth media to real-time connectivity with customers around the world, today's

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Unlocking the Potential of 200G QSFP-DD: A Deep Dive into Optical ...

The QSFP-DD interconnection type is a recognized advancement in high-speed optical transceivers designed with the

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List of QSFP-DD Models & Products | TE Connectivity

Search our portfolio of QSFP-DD products and select your specifications. We offer a wide array of reliable and cost-effective products

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Connectivity in the Era of Big Data: Adapting with QSFP28, SFP-DD,

This article discusses the transition of server connection speeds in data centers from 10GE and 25GE to 100GE and

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High-Speed Pluggable I/O

High-speed I/O passive cable assemblies that can deliver data rates as high as 400 Gbps with a variety of lengths or customized

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QSFP DD Connectors

Amphenol Communications Solutions' QSFP DD interconnect system is comprised of a 76-position, 0.8 mm pitch

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Common 400G QSFP-DD Transceiver Types in the Market

400G QSFP-DD optical module is a high-speed hot-pluggable transceiver. Here it will help you learn what 400G QSFP

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High-Speed Pluggable I/O

Molex empowers customers with scalable high-speed pluggable input-output (I/O) solutions that help address next-generation

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QSFP-DD 400G SR4 Optical Module: The New Choice for High

In an era where technology is advancing at an unprecedented pace, the demand for high-speed, reliable network

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QSFP-DD TRANSCEIVERS for 400G and 800G | Smartoptics

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

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Understanding the QSFP-DD Standard: The Foundation of 400G Optical ...

Explore LINK-PP's QSFP-DD 400G optical transceivers, fully compliant with SFF-8677/8679 and IEEE 802.3bs. Ideal

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QSFP-DD Optical Transceivers Unlocking Faster Connections

QSFP-DD Optical Transceivers deliver up to 800Gbps speeds, offering high bandwidth, energy efficiency, and

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QSFP Data Center: Complete Guide to 100G-800G Optical Connectivity

Learn how QSFP modules power data centers from 40G to 800G. Compare module types, deployment best practices,

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

Certified and tested on Cisco, Arista, Juniper, Dell QSFP-DD ports for superior performance, quality, and reliability. For more details,

Jan 23, 2026

400G Data Center: QSFP-DD AOC Cables

QSFP-DD is a popular packaging mode in 400G data centers. 400G connections include intra-cabinet, inter-cabinet,

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Optical Connector – QSFP-DD

About Us The QSFP-DD MSA will define a new pluggable form factor that supports 8 high speed electrical interfaces connecting to

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QSFP-DD Connectors, Cages and Cable Assemblies

TE Connectivity (TE) stacked quad small form factor pluggable double density (QSFP-DD) 112G connectors and cages are the next

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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

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40G QSFP: The Core of Optical Network Interconnection

Learn how QSFP works, and why it is essential for optical networks. Explore selection tips for data centers and high

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QSFP-DD Connector System

Telecommunication and data center customers have increasing bandwidth requirements and, therefore, require high-density

Contact Us

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