

Price list for QSFP-DD hybrid optical electrical cable for data center interconnection



Article Overview

QSFP-DD hybrid cables for 400G and 800G data center interconnects range from approximately \$1,400 for short-reach passive cables to over \$130,000 for long-haul coherent modules, depending on type, length, and vendor.

Pricing Overview

- Short-Reach Passive Copper Cables (SR8, DR4): Typically used for in-rack or cross-row connections, these cables cost \$1,400–\$1,800 from reputable third-party vendors, providing a cost-effective solution for 400G deployments .
- Active Optical Cables (AOCs): Suitable for short to medium distances within racks or across adjacent racks, AOCs are thinner, lighter, and improve airflow, with lengths ranging from 1 to 30 meters. Prices vary based on length and vendor, generally starting around \$2,000–\$3,000 for 400G AOCs .
- Hybrid 2x200G or 2x100G Cables: These cables allow splitting a 400G QSFP-DD port into two 200G or 100G connections, offering flexible connectivity for servers and switches. Pricing is similar to standard AOCs for short distances, with cost efficiency for high-density deployments .
- Long-Haul Coherent Modules (ZR/ZR+): For data center interconnects over longer distances, coherent optical QSFP-DD modules can exceed \$130,000, reflecting the complexity and performance of long-reach transmission

Article Content

Jul 07, 2026

800G Data Center Interconnect Guide: DAC, AEC, AOC & Optical

Engineer's guide to 800G cables: DAC, ACC, AEC, AOC, DR8 transceivers. Distance zones, power budgets, TCO,

Mar 15, 2026

QSFP-DD Cables • OSFP Cables

Cables on Demand offers the public factory-direct access to the very same Amphenol High-Speed I/O brand QSFP-DD and OSFP

Dec 23, 2025

Cisco QSFP-DD800 Transceiver Modules Data Sheet

Product overview The Cisco QSFP-DD800 modules introduce 8x100G and 2x400GGBASE Quad Small Form-Factor Pluggable

Nov 06, 2025

Wholesale 800G DAC Cables — OSFP & QSFP-DD | Fibrecross

The 800G DAC cables deliver cost-effective, ultra-low-latency direct-attach connectivity for high-density data centers and HPC

Jan 27, 2026

QSFP DD Cable Assemblies

Amphenol Commercial QSFP DD Cable Assemblies are ideal for communications and data applications such as

Jun 17, 2026

Cisco 100GBASE QSFP-100G Modules Data Sheet

Product overview The Cisco 100GBASE Quad Small Form-Factor Pluggable (QSFP) portfolio offers customers a wide variety of high

Jun 11, 2026

FS 400G QSFP-DD: Complete Guide and Solutions

Explore FS 400G QSFP-DD transceivers and cables for cost-effective, low-power, and scalable 400G data center

May 19, 2026

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

Download the overview datasheet for QSFP-DD transceivers, or browse all our transceivers, AOC and DAC cable assemblies. At

Aug 11, 2025

QSFP-DD Optical Transceivers - MapYourTech

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

Feb 19, 2026

Understanding QSFP-DD Cable: A Comprehensive Guide to 400G

Explore the QSFP-DD cable in our comprehensive guide, covering 400G connectivity, double density technology, and

Apr 05, 2026

QSFP-DD Transceiver Guide 2026: Complete 400G/800G Deployment

Master QSFP-DD transceiver deployment for 400G/800G networks. Compare module types (SR8/DR4/FR4/LR4),

Nov 24, 2025

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

Jan 22, 2026

QSFP-DD Pluggable Double Density Active Optical Cables

These cables utilize fiber wiring and are an ideal low-cost option for short reach applications. We also offer

Mar 06, 2026

400G QSFP-DD Active Optical Cable

400G QSFP-DD Active Optical Cable FEATURES Eight-channel full duplex active optical cable Up to 53.125 Gbps data rate per

Apr 08, 2026

QSFP-DD (Double Density) Interconnect System and Cable Assemblies

QSFP-DD Interconnect System's 8-lane electrical interface transmits up to 28 Gbps NRZ or 56/112 Gbps PAM-4, up to 200, 400 or

Dec 23, 2025

400G QSFP-DD Price

400G QSFP-DD Active Optical Cable, 20M. 400G QSFP-DD Active Optical Cable, 15M.
400G QSFP-DD Active Optical Cable, 25M.

Sep 09, 2025

Interconnection Between OSFP and QSFP-DD Ports for 400G/800G Data Centers

This article outlines key OSFP and QSFP-DD differences and offers four practical interconnection solutions to support

May 27, 2026

Quadwire® QSFP-DD Active Optical Cables | Coherent

Networking Quadwire® QSFP-DD Active Optical Cables Drive high-speed connectivity enabled by multiple

Feb 04, 2026

QSFP-DD CONNECTORS & CABLE ASSEMBLIES PRODUCT

TE Connectivity's (TE) QSFP-DD (quad small form-factor pluggable double density) doubles the density of QSFP interconnects with

Nov 09, 2025

400G QSFP-DD Active Optical Cable (AOC)

400G QSFP-DD Active Optical Cable (AOC) is 100% compatible with switches and routers made by most major OEMs like Adtran,

Apr 19, 2026

QSFP-DD Interconnect System

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

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SFP, QSFP, QSFP-DD, OSFP Active Optical Cable Assemblies

SFP, QSFP, QSFP-DD, OSFP ACTIVE OPTICAL CABLE ASSEMBLIES Our active optical cable assembly portfolio provides

May 15, 2026

QSFP-DD Connectors, Cages and Cable Assemblies

Featured Product Stacked QSFP-DD 112G Connectors and Cages TE Connectivity (TE) stacked quad small form factor pluggable

Mar 25, 2026

Cisco 400G QSFP-DD High-Power (Bright) Optical Module Data Sheet

Learn how Cisco 400G QSFP-DD High-Power (Bright) Optical module's small size and low power make it an optimal

Jun 14, 2026

Panduit Cable Ordering Guide For Cisco 100G Optics

QSFP-100G-SR4-S The QSFP-100G-SR4-S module supports 100GBASE-SR4 Ethernet over link lengths of up to 100m over parallel

Jun 08, 2026

QSFP-DD Interconnect System & Cable Assemblies

Molex QSFP-DD (Double Density) Interconnect System and Cable Assemblies feature an eight-lane electrical

Contact Us

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