

Malaysia CFP8QSFP-DD



Overview

The 800 Gigabit Ethernet signal is carried over four wavelengths at 1271, 1291, 1311, 1331 nm. It is suitable for 800G Ethernet, Data Center, Breakout 2x 400G FR4, Cloud Networks. This transceiver is compliant with IEEE802.3ck, IEEE and. Amphenol QSFP DD Series are available at Mouser Electronics. Amphenol's QSFP DD (Quad Small Form Factor Pluggable Double Density) copper cable assemblies double the number of channels from 4 to 8 lanes when compared to the existing QSFP cabling systems, enabling more bandwidth within the same mechanical envelope. 8 mm pitch connector built for use in high-speed serial applications. The FQSFP-D8 SI Evaluation Kits provide system designers and SI engineers an easy-to-use solution for testing FQSFP-D8 Product 800G Flyover® QSFP Double Density Cable. QSFP-DD, as the smallest form factor for 400G transceivers, offers industry's highest bandwidth density while leveraging the backward compatibility to lower-speed QSFP pluggable modules and cables, making it popular among the fiber optic manufacturers.



Article Content

Feb 23, 2026

What is the difference between CFP8 and QSFP-DD□

CFP8 (C form-factor pluggable) and QSFP-DD (quad small form-factor pluggable double density) are both types of optical transceivers used in

Mar 28, 2026

QSFP DD Connectors

Each port supports up to 400 Gb/s in aggregate over an 8 Gb/s x 50 Gb/s electrical interface. The cage and connector design provides backward compatibility to QSFP28 modules which can be inserted

Jun 06, 2026

QSFP DD Cable Assemblies | High Speed Input Output

Amphenol's QSFP DD (Quad Small Form Factor Pluggable Double Density) copper cable assemblies double the number of channels from 4 to 8

Jan 30, 2026

800G QSFP-DD Cable and Transceiver Modules Data Sheet

It is compliant with QSFP-DD MSA HW Rev 6.01, IEEE 802.3cu-2021 and CMIS.

Apr 20, 2026

800G Flyover® QSFP Double Density

As data rates increase, trace length on PCBs decrease. Samtec's high-speed, Flyover® cable assemblies simplify PCB design and limit signal degradation in

Dec 03, 2025

Differences Between QSFP-DD and

Featuring a 41.5mm*107.5mm*9.5mm form factor, the CFP8 module delivers four times more bandwidth than existing 100G solutions. Its electrical

May 24, 2026

Specification – QSFP-DD

June 25, 2024 – QSFP-DD/QSFP-DD800/QSFP-DD1600 Hardware Specification for QSFP DOUBLE DENSITY 8X TRANSCEIVERS – Rev 7.1 September 27, 2023 – QSFP-DD/QSFP-DD800 ...

Sep 28, 2025

QSFP-DD Hardware

Abstract: This specification defines: the electrical and optical connectors, electrical signals and power supplies, mechanical and thermal requirements of the pluggable QSFP Double Density (QSFP-DD)

Feb 08, 2026

Amphenol QSFP DD Series – Mouser Malaysia

Mouser offers inventory, pricing, & datasheets for Amphenol QSFP DD Series.

Sep 21, 2025

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 an eight-lane electrical interface capable of 28 Gbps NRZ or 56 Gbps

Contact Us

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