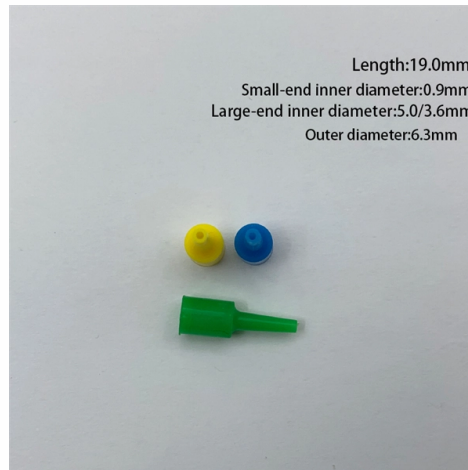


# Australian QSFP-DD optical transceiver module



## Overview

The 800GBASE 2xDR4/DR8 QSFP-DD optical transceiver module is designed for 800GBASE Ethernet throughput up to 500m link lengths over OS2 single-mode fibre (SMF) using a wavelength of 1310nm via dual MTP/MPO-12 APC connectors. Cisco QSFP-DD and OSFP 800G ZR/ZR+ digital coherent optics modules enable 800G traffic over amplified Dense Wavelength-Division Multiplexing (DWDM) links up to 120 km for 800ZR and over 1000 km for 800G ZR+. This transceiver is compliant with QSFP-DD MSA HW Rev 7. 0. The QSFP-DD transceiver has become the standard format for 400G and 800G connections because it delivers backward compatibility and high port density and future-proofing protection which most installations need. The guide provides complete information required for successful QSFP-DD transceiver. The QSFP-DD (Quad Small Form-Factor Pluggable Double Density) optical transceiver is a revolutionary advancement in high-speed data communication, designed to meet the escalating bandwidth demands of modern data centers, cloud computing, and 5G networks.



## Article Content

QSFP-DD Optical Module Overview: What is the differ?

This article will introduce the next generation optical module in detail, QSFP-DD, also known as quad small form factor pluggable, and this article will also

QSFP-DD Optical Transceivers Unlocking Faster

The QSFP-DD (Quad Small Form-Factor Pluggable Double Density) optical transceiver is a revolutionary advancement in high-speed data

400G Optical Transceiver Market Size, Share and

400G Optical Transceiver Market analysis indicates the market was valued at USD 2.39 Billion in 2025 and is anticipated to reach USD 8.88 Billion by 2035 with a

Cisco QSFP-DD and OSFP 800G ZR/ZR+ Coherent

Cisco QSFP-DD and OSFP 800G coherent optical modules are supported on Cisco switches and routers. For more details, refer to the Cisco

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

The QSFP-DD transceiver serves as an optical module which provides 400G and 800G connectivity through its 8 electrical lanes that enable double the transmission capacity of QSFP28.

QSFP-DD Optical Transceivers - MapYourTech

QSFP-DD is an advanced hot-pluggable optical transceiver form factor that doubles the bandwidth density of traditional QSFP28 modules by

Sfp Module Suppliers For Remote & Wan Deployments — Canada & Australia ...

Remote and WAN links demand transceivers and cabling that balance reach, reliability and cost. For branch or cell-site links across provinces/states you should prioritize vendor-tested interoperability

Global Leader in Materials, Networking, and Lasers

Communications Transform global communications networks with our comprehensive portfolio of coherent transceivers and modules, lasers, amplifiers,

Optical Transceiver Market to Reach USD 25.74 Billion

Optical Transceiver Market Size & Trends | Mordor Intelligence Mordor Intelligence has published a new report on the Optical Transceiver Market,

Optical Transceiver Market Size, Share, and Trends Analysis 2032

Optical Transceiver Market Analysis The market is witnessing a strong shift towards advanced optical modules such as QSFP-DD and CFP8, as network operators and cloud service providers upgrade

Optical Transceiver Market Size, Growth Drivers

Transceivers between 100 Gbps and 400 Gbps held a 39.16% share in 2025, underpinned by QSFP28 and QSFP-DD volumes. The optical

Customized 800GBASE 2xDR4/DR8 QSFP-DD PAM4 1310nm 500m

The 800GBASE 2xDR4/DR8 QSFP-DD optical transceiver module is designed for 800GBASE Ethernet throughput up to 500m link lengths over OS2 single-mode fibre (SMF) using a wavelength of 1310nm

QSFP Optical Transceiver Market Size, Share, Growth | CAGR

QSFP Optical Transceiver Market Overview QSFP Optical Transceiver market size is estimated at USD 13,750.75 million in 2025 and is projected to reach USD 26,500.50 million by 2033, growing at a

SFP, SFP+ & QSFP Compatibility Guide: Aruba, Juniper, Fortinet

Blue Cable Co compatible transceivers for Aruba, Juniper, Fortinet, Arista & more. Australian stock, 5-year warranty. Compare OEM vs Blue Cable Co.

Types of Area Network and How Optical Modules Support Them

This is where optical modules play a critical role. Optical modules, such as SFP, SFP+, QSFP28, and QSFP-DD transceivers, enable high-speed data transmission over fiber optic cabling. Different

Optical Transceiver: SFP vs SFP+ vs QSFP28 vs QSFP-DD

This article provides a comprehensive comparison of mainstream optical transceivers, including SFP, SFP+, QSFP+, QSFP28, and QSFP-DD. It explains their technical differences,

QSFP-DD Fibre Optic Transceiver Technology Overview

QSFP-DD modules have the same physical dimensions as other QSFPs, but have an eight-lane internal electrical interface as opposed to four-lane. Additionally, the

400GbE QSFP-DD Transceiver Modules | Optical

FS 400G QSFP-DD module solutions featuring high-performance, high-bandwidth, and cost-effectiveness, are ideal for 400GbE and data centres.

Arista QDD-400G-PLR4-Arista | 400G QSFP-DD Transceiver, Single

The Arista QDD-400G-PLR4 is a 400GBASE-PLR4 QSFP-DD optical transceiver designed for high-performance data center and enterprise network applications. It delivers 400 Gigabit Ethernet

## Contact Us

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