

Australian supplier QSFP optical module 400G



AI Overview

FS, Smartoptics, Cisco, and GenOptics provide 400G QSFP-DD optical modules compatible with Australian networks. FS (Fiberstore) offers 400GBASE-DR4 QSFP-DD modules compatible with Arista QDD-400G-DR4, supporting 8x50G PAM4 at 1310nm with a maximum reach of 500 meters over single-mode fiber. These modules are compliant with QSFP-DD MSA, IEEE 802.3bs, and 400GAUI-8 standards, and can be used as a 4x100G breakout solution. FS modules are fully certified for international safety and quality standards, including RoHS and REACH compliance, and are available for purchase in Australia through FS's regional distribution channels.

Smartoptics provides QSFP-DD transceivers for 400G and 800G networks, optimized for both short-range multimode and coherent DWDM applications. Their modules support 2x100G connections over single-mode fiber, OTN compliance, Open ROADM interoperability, and AES-256 encryption for Layer 1 security. Smartoptics modules are suitable for metro, regional, and data center interconnect (DCI) networks, and can be sourced in Australia through authorized distributors.

Cisco's 400G QSFP-DD Ultra Long-Haul Coherent Optics Modules enable 400G traffic over dense wavelength division multiplexing (DWDM) networks. These modules support C-band and L-band coherent transmission, OpenROADM 7.0 compliance, and backward-compatible 400G QSFP-DD ZR+ modes. Cisco modules are globally distributed, including in Australia, and are ideal for regional and ultra-long-haul optical networks.

GenOptics offers the MQD-36F2C 400G QSFP-DD transceiver, designed for 2km optical communication applications. It supports 425Gbps over four parallel lanes, QSFP-DD MSA compliance, and 400GAUI-8 standards. The module is engineered for harsh operating conditions, including temp...

Article Content

Ultimate Guide to QSFP-DD 400G Optical Modules:

The QSFP-DD 400G optical module has become a key element in the fast-changing field of data transmission technology to improve network

QSFP+40G Transceiver: Introduction, Models,

Introduce what is QSFP+ 40G optical module. The content includes what is QSFP, what are the models of QSFP, the introduction, and application of

QSFP 400G Explained: Use Cases in Network Infrastructure

It allows network operators to scale capacity while controlling power consumption and operational complexity. This article will delve into the world of QSFP 400G optical module, exploring its working

Fibre Optic Transceivers Australia – SFP, SFP+, QSFP

Learn about fibre optic transceivers in Australia, including SFP, SFP+, QSFP, QSFP28, QSFP56 and QSFP-DD. Ideal for NBN, enterprise and data centre networks.

QSFP-DD Product Family » Acacia

Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links

In-Depth Analysis of QSFP-DD 400G DAC Cables

Explore the benefits and limitations of 400G QSFP-DD DAC Twinax Cables, including a comparison with 400G AOC vs. 400G DAC vs. 400G optical

400G QSFP-DD ZR Coherent Optical Module

The GIGALIGHT 400G QSFP-DD ZR coherent optical module supports 400GE and OTN links reach up to 120km. It operates on full C-band DWDM wavelengths

Cisco 400G QSFP Transceiver Modules Data Sheet

High-bandwidth transceiver modules based on the QSFP112 form factor, targeting NICs used in data centers, high-performance computing

400G Optical Transceivers | OEM Compatibility

Discover the power of 400G QSFP-DD Optical Transceivers—ultra-fast, energy-efficient, and future-proof solutions.

400G OSFP/QSFP-DD/QSFP112 Module Introduction

FS 400G QSFP-DD module can be paired with optical fiber cables to enable various links, achieving different network upgrades. Take QDD-SR8

Cisco 400G Digital Coherent Optics QSFP-DD Optical

Cisco now offers a range of all new 400G Digital Coherent QSFP-DD transceivers. Cisco already offers a range of Digital Coherent CFP2 transceivers

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

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

400G QSFP-DD SR8 Transceivers

The 400G QSFP-DD SR8 transceiver is compliant with QSFP-DD MSA, IEEE802.3, OIF-CMIS/ROHS and 100G-DR-LPO by LPOMSA. These

100G/400G Optical Transceiver Modules

Arista QSFP-100G-LR4 Compatible 100GBASE-LR4 QSFP28 Optical Transceiver Module (SMF, 1310nm, 10km, LC, DDM) Arista compatible QSFP-100G-LR4 QSFP28 optical transceiver modules

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.

Overview of 400G QSFP-DD DR4 Optical Module and Connection

The 400G QSFP-DR4 optical module uses a 1310nm EML transmitter type, with signals modulated via PAM4 (Pulse Amplitude Modulation). It can transmit over single-mode fiber for

Main Home

Fiber2C is ATOP's premier distributor in Australia and New Zealand, with its headquarters in Singapore. In order to better serve the Australian local market,

Cisco 400G QSFP-DD Ultra Long Haul Coherent Optics

The Cisco 400G QSFP-DD Ultra Long-Haul Coherent Optics Module enables 400G traffic anywhere over dense wavelength division multiplexing

Genuine Cisco QDD-400G-DR4-S

The QSFP-DD modules are our new generation of 400G transceiver modules based on a QSFP-DD form factor.

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-DD optical modules

400G SR4 QSFP-DD Optical Transceiver Module

400G QSFP-DD SR4 PAM4 Optical Transceiver Module (850nm MTP/MPO-12 OM3/OM4 60m/100m with FEC DDM) 400G QSFP-DD SR4 connects 400G

Cisco 400G QSFP-DD Cable and Transceiver Modules

The Cisco® family of QSFP-DD modules provide the industry's highest bandwidth density while leveraging the backward compatibility to lower

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

In an era where technology is advancing at an unprecedented pace, the demand for high-speed, reliable network connectivity has never been

Cisco 400G QSFP-DD Cable and Transceiver Modules

The Cisco's QDD-400G-VR4 Module (Figure 5) is a hot pluggable optical transceiver compliant with 400G Ethernet. The optical interface supports

Cisco 400G QSFP-DD: Understanding Optical

Discover the Cisco 400G QSFP-DD optical transceiver modules, designed for high bandwidth in data centers, ensuring backward compatibility

400G/100G Optical Transceiver Modules

FS 400G/100G transceiver solutions enable enterprise and data centre operators to deliver bandwidth and speed upgrades with a minimum cost. Best for high-speed

40G QSFP+ Transceiver Modules

FS QSFP (Quad Small Form-factor Pluggable) modules operate with both duplex multi-mode and single-mode fibre and deliver significant performance advantages for high-density switching, routing and

what is 400G QSFP-DD optical module□

QSFP-DD (Quad Small Form Factor Pluggable-Double Density) is a high-speed pluggable module package defined by the QSFP-DD MSA team, and is the first choice for 400G

400G QSFP-DD LR4/ER4-30 : Optical Transceiver

400G QSFP-DD LR4/ER4-30 The NEC's 400G QSFP-DD optical transceiver is a cost-effective optical transceiver that achieves 400G transmission by applying

QSFP-DD 400G

The QSFP-DD 400G is the latest revolutionary standard in network connectivity. With an incredible data speed of 400 Gbps, this compact, high-density module meets the growing needs of data centres.

Contact Us

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