Cisco CVR-QSFP-SFP10G Datasheet

Cisco CVR-QSFP-SFP10G QSFP 40G to SFP+ 10G Adapter Module

CVR-QSFP-SFP10G

The Cisco 40GBASE QSFP (Quad Small Form-Factor Pluggable) portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider applications.

Features and benefits of Cisco QSFP modules

- Hot-swappable input/output device that plugs into a 40 Gigabit Ethernet Cisco QSFP port
- Interoperable with other IEEE-compliant 40GBASE interfaces where applicable
- Certified and tested on Cisco QSFP 40G ports for superior performance, quality, and reliability
- High-speed electrical interface compliant to the IEEE 802.3ba standard
- QSFP Form factor, 2-wire I2C communication interface and other low-speed electrical interface compliant to SFF 8436 and QSFP Multisource Agreement (MSA)

Cisco QSFP-40G to SFP and SFP+ Adapter Module

The Cisco QSFP-40G to SFP or SFP+ Adapter (QSA) Module offers 10 Gigabit Ethernet and 1 Gigabit Ethernet connectivity

for QSFP 40G ports. It allows smooth and cost-effective migration to 40 Gigabit Ethernet by providing an option to use lower-speed SFP or Enhanced Small Form-Factor Pluggable SFP or SFP+ modules in QSFP+ ports when the other end of the network is running at lower speeds.

The Cisco QSA Module converts a QSFP+ port to an SFP or SFP+ port. With this adapter, customers have the flexibility to use a SFP or SFP+ module, or cable to connect to a lower-speed port on the other end of the network. This flexibility allows a cost-effective transition to 40 Gigabit Ethernet by maximizing the use of high-density 40 Gigabit Ethernet QSFP platforms.

Specifications

- Product number: CVR-QSFP-SFP10G
- Description: QSFP 40G to SFP+ 10G Adapter Module
- Product Type: QSFP 40G to SFP+ 10G adapter
- Operating temperature range: Commercial temperature range: 0 to 70°C (32 to 158°F)

- Storage temperature range: -40 to 85°C (-40 to 185°F)

Compatible switch models and SFP or SFP+ modules

The list of switch models supporting the Cisco QSA Module is available in the "Cisco Optics-to-Device Compatibility Matrix" at https://tmgmatrix.cisco.com/

A list of Cisco SFP or SFP+ transceiver modules that can be plugged in to the QSA module is provided in the "Cisco Optic-to-Optics Interoperability Matrix" at https://tmgmatrix.cisco.com/iop?tpid=255

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A list of Cisco SFP or SFP+ transceiver modules that can be plugged in to the QSA module is provided in the "Cisco Optic-to-Optics Interoperability Matrix" at https://tmgmatrix.cisco.com/iop?tpid=255