

QSFP to SFP+ Converter (CVR) Module

Variants

Huawei Cisco

Details

QSFP to SFP / SFP+ Converter (CVR) Module – QSFP+ to SFP+ Adapter

The **QSFP to SFP / SFP+ Converter (CVR) Module** is designed to convert a **QSFP+ port into an SFP+ port**, allowing flexible connectivity between **40G QSFP+ network equipment and lower-speed 10G SFP+ optical modules or DAC/AOC cables**.

This adapter provides a cost-effective and flexible migration path for **data centers, enterprise networks, telecom systems, cloud infrastructure, and storage networks** by enabling the use of standard SFP+ modules in QSFP+ switch ports.

Key Features

Converts QSFP+ port to SFP+ port
Supports 10Gbps Ethernet transmission
Supports 2.5Gbps and 5Gbps data rates
Compatible with QSFP+ MSA and SFP+ MSA standards
Supports SFP+ optical modules and DAC/AOC cables
All-metal housing for superior EMI protection
Low insertion loss and low crosstalk design

Secure latching mechanism
Hot-pluggable operation
RoHS compliant

Applications

Data Center Networking
Enterprise Backbone Networks
Cloud Computing Infrastructure
Networked Storage Systems
Routers and Switches
InfiniBand Networks
10G Migration from 40G QSFP Platforms

Technical Specifications

Parameter	Specification
Product Type	QSFP+ to SFP+ Converter (CVR) Module
Part Number	YV-CVR-QSFP-SFP+
Form Factor	QSFP+ to SFP+
Supported Data Rates	10Gbps / 5Gbps / 2.5Gbps
Channel Support	1 Independent Duplex Channel
Electrical Interface	100 Ohm Differential Impedance

Parameter	Specification
Power Supply	3.3V
Operating Temperature	-20°C to +85°C
Storage Temperature	-40°C to +125°C
Humidity	Up to 85% Non-condensing
Standards Compliance	QSFP+ MSA SFF-8436 / SFP+ MSA SFF-8431
Dimensions	13.5 × 18.4 × 78 mm
Weight	Typically 100g
Compliance	RoHS Compliant

Supported SFP / SFP+ Modules

Item	Product	Description
1	SFP-10G-SR	10G Multimode Fiber Module
2	SFP-10G-LR	10G Singlemode Fiber Module
3	SFP-10G-ER	10G Long Distance Module
4	SFP-10G-ZR	DWDM 10G SFP+ Module
5	10G DAC Cable	SFP+ Copper Cable
6	10G AOC Cable	SFP+ Active Optical Cable

Note: This QSFP to SFP+ converter allows flexible deployment of 10G SFP+ optics in 40G QSFP+ switch ports for smooth and cost-effective network migration.

