

# CVR-CFP-QSFP28-FEC

CFP to QSFP28 converter module, FEC

## OVERVIEW

The CVR-CFP-QSFP28-FEC provides the ability to use a QSFP28 transceiver in a host having an CFP interface. The CVR-CFP-QSFP28-FEC converts between the bidirectional 10x 10G flows in the CFP and the bidirectional 4x 25G flows in the QSFP28 transceiver.

The converter also includes the RS (Reed-Solomon) FEC encode and decode functionality (as defined in IEEE802.3bj) that is required for certain QSFP28 transceiver versions, such as SR4 and CWDM4 optical interfaces. This enables interoperation with QSFP28' based host systems where the FEC encoder/decoder functionality is managed internally.

## TECHNICAL DATA

Parameter	Value
Technology	Converter CFP to QSFP28
Protocol support	100G Ethernet
Power consumption	< 5.5W
Operating temperature	0°C to +70°C
Storage temperature	-40°C to +85°C

Parameter	Value
FEC	RS(528,514)
DDM	via MDIO 2-Wire Interface
MSA compliance	CFP-MSA, QSFP28 MSA

### Safety/regulatory compliance:

TUV/UL/FDA (contact Smartoptics for latest certification information)

RoHS compliance



## ORDERING INFORMATION

Ordering code	Description
CVR-CFP-QSFP28-FEC	CFP to QSFP28 converter module, 100G Eth, FEC encoder/decoder

Subject to change without notice.

For more information visit [smartoptics.com](http://smartoptics.com).

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