

CVR-CFP-QSFP28-FEC

CFP to QSFP28 converter module, FEC

OVERVIEW

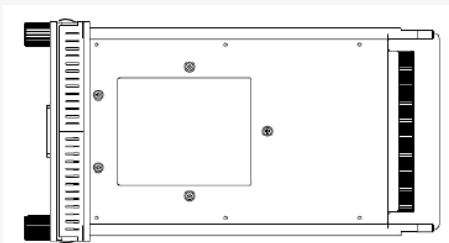
The CVR-CFP-QSFP28-FEC provides the ability to use a QSFP28 transceiver in a host having an CFP interface. The CVR-CFP-QSFP28-FEC converts between the bidirectional 10x 10G flows in the CFP and the bidirectional 4x 25G flows in the QSFP28 transceiver.

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

TECHNICAL DATA

| | |
|--------------------------|-------------------|
| Technology | Conv CFP – QSFP28 |
| Protocols Eth: | 100GbE |
| Temperature range | 0°C to +70°C |
| Power consumption | < 5.5W |

| | |
|--------------------------------------|----------------------------|
| FEC scheme | RS(528,514) |
| MSA compliance | CFP MSA QSFP28 MSA 8661 |
| Digital Diagnostic Monitoring | Via MDIO i/f |



Regulatory compliance

| | |
|------------------|--------------------------------|
| EMC CE | EN 55022:2010 EN 55024:2010 |
| UL/Safety | UL 60950-1 |
| FCC | 47 CFR PART 15 OCT, 2013 |
| RoHS | RoHS 6 |
| TUV | EN 60950-1:2006+A11+A1+A12+A2 |

| | |
|----------------------|----------------|
| Storage temp. | -40°C to +85°C |
|----------------------|----------------|

ORDERING INFORMATION

| Part number | Description |
|--------------------|------------------------------|
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