
Summary

The **FMC-RCP-10G** is a front panel adapter card with up to four 10Gb/s Optical transceiver channels.

Based on the FMC Standard (VITA 57.1) but with modified profile and increased front IO area to accommodate the optical transceivers.

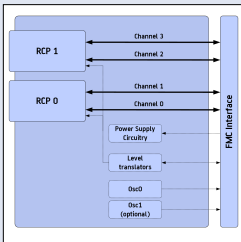
Suitable for use in harsh environments with LuxCis optical connectors and full speed operation over the industrial temperature range.

Features
Applications:

- 40G Ethernet
- High-Speed Communications

Front Connector I/O:

- 4 Optical Links - 850nm (4 Tx & 4 Rx), 1.0 to 10.3125Gb/s ARINC 801 (LuxCis) Connectors



Specification

Product Name	FMC-RCP-10G
Front I/O	4 Optical Links - 850nm (4 Tx & 4 Rx), 1.0 to 10.3125Gb/s ARINC 801 (LuxCis) Connectors
Clocks	156.250MHz Reference (standard) User defined clock (when specified in the order code)
Environmental	Temperature: Operating Temperature: -40° to +85°C Storage Temperature: -55° to +100°C EMC: FCC 47CFR Part 2 EN55022 Equipment Class B

Ordering Codes
FMC-RCP-10G/(I)(C)(A)

Lanes	I	2 = 2 Tx + 2 Rx Lanes (one RCP Module), 4 = 4 Tx + 4 Rx Lanes (two RCP Module)
Reference Frequency	10	blank = 156.250MHz, /xxx.yyy (specify frequency in MHz)
Cooling	c	blank = air cooled industrial, /CC1 = conduction cooled industrial
Conformal Coating	a	blank = none, A = Acrylic (Humiseal 1B31), P = Polyurethane (Arathane 5750)

Address: 4 West Silvermills Lane,
Edinburgh, EH3 5BD, UK
Telephone: +44 131 558 2600
Fax: +44 131 558 2700
email: sales@alpha-data.com
website: <http://www.alpha-data.com>

Address: 3507 Ringsby Court Suite 105,
Denver, CO 80216
Telephone: (303) 954 8768
Fax: (866) 820 9956 toll free
email: sales@alpha-data.com
website: <http://www.alpha-data.com>