



Applications

- Dual Infiniband 4x2.5Gb/s
- Dual 10Gb/s Ethernet CX4
- Dual 10Gb/s Fibre Channel
- Dual 4x OC-48 SONET

Summary

The **XRM2-FCN** is an XRM2 I/O Module which provides eight full-duplex high-speed serial communication channels.

The XRM2-FCN provides the cost-effective solution to applications requiring high-speed data communications such as Infiniband TA, 10G Ethernet, 4x Fibre Channel. It allows easy connection of these cards to devices with compatible connectors and signaling standards by means of a simple, point-to-point connection schemes implemented using off-the-shelf cable assemblies. Both copper and optical (CX4) versions of the FCN connector are supported, with full control and fault signaling for each of the optical power connections.

A separate low-jitter oscillator is provided to support high-bit rate applications where the internal clock is unsuitable.

Deliverables

XRM2-FCN Board
One Year Warranty
One Year Technical Support

Board Features

- 2x FCN Connector

Input/Output Interfaces

8x High Speed Serial links via FCN connectors

Connector: Dual FCN connectors



Support

Example UCF, HDL files and Application software are provided with the board.

Environmental Specification**Temperature Ranges**

Cooling Option	Operating Temperatures		Storage Temperatures	
	Min	Max	Min	Max
AC0	0°C	55°C	-40°C	85°C

Operating Humidity : Up to 95% (non-condensing)

EMC Standards

FCC 47CFR Part 2

EN55022:2010 Equipment ClassB

Ordering Information

Order Code: XRM2-FCN(f)

Option	Code	Description of Options
Oscillator	f	blank=none fitted, USER=User Defined

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