



ETHERNET MEDIA CONVERTER CARD (MCF-C1 series)

QUICK INSTALLATION GUIDE

Thank you for choosing Vikings Technology. This guide describes how to install our Ethernet Media Converter Card. This Media Converter Card is designed to transmit and receive 100Mbps Ethernet data over optical fiber. Versions with fiber module inbuilt (MCF-C1-xyz) and SFP slot (MCF-C1) available. This Converter Card is to be installed and powered from RM-C1 chassis, which to be purchased separately.

Package Contents

- MCF-C1 series Ethernet Converter Card x 1
- This Quick Installation Guide x 1

Safety Guidelines

- Do not look into bores of energized optical fiber cables or optical modules without eye protection - laser beams may cause eye damage.
- Follow all general safety guidelines and instructions installing and handling such low current & low voltage devices.

Installation

- To install the Ethernet Media Converter Card in the RM-C1 chassis, unscrew (if present) selected covering blank panel from the RM-C1 chassis. Slide the Media Converter Card into empty slot and secure it with the top screw.
- Please follow the table below for port type, speed and optical module type:

Ports Model	RJ45	SFP	Fiber inbuilt
	10/100M	100M	100M
MCF-C1	•	•	-
MCF-C1-xyz	•	-	•

- Connect RM-C1 chassis power cable to the chassis first, then to your power outlet (110-240VAC). Switch the chassis power button to ON position (I).
- After the device is powered on, the green MN LEDs on the back of the RM-C1 chassis will be on.
- If all cables are correctly connected, the indicators will lit as per LEDs status below:

LED	Color	Indication
FX	Green	Off: fiber port is not active Lit: fiber link is established
TX (100)	Green	Off: RJ45 port is not active or 10M connection is established on RJ45 port Lit: 100M connection is established on RJ45 port
Fiber LINK/ACT (Mid-left)	Green	Off: fiber port is not active Lit: fiber link is established Blink: data is being transmitted on fiber port
Ethernet LINK/ACT (Mid-right)	Green	Off: RJ45 port is not active Lit: connection is established on RJ45 port Blink: data is being transmitted on RJ45 port
FDX	Green	Off: half-duplex communication Lit: full-duplex communication
PWR	Green	Off: unit is not getting power or failed Lit: unit is powered on

Contact information

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