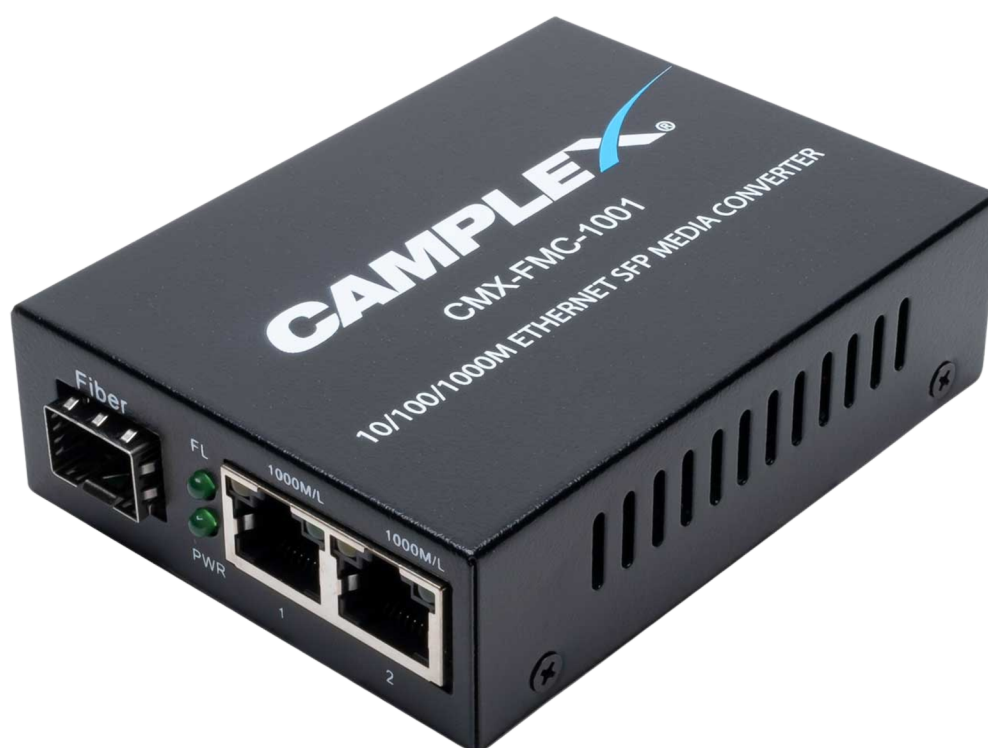


## CMX-FMC-1001

**Fiber Media Converter Gigabit  
Ethernet 1000Base-T to 1000Base-  
SX/LX SFP**



## Table of Contents

Safety Precautions.....	Page 3
Introduction.....	Page 4
In the Box.....	Page 4
Features.....	Page 4
Specifications.....	Page 5
Panel Description.....	Page 6
Connection Diagram.....	Page 7
Installation and Connection.....	Page 7
LED Indicators.....	Page 8
Support & Warranty.....	Page 8

## Safety Precautions:

Please read all instructions before installing or operating this equipment and connecting the power supply.

Please keep the following in mind as you unpack and install the unit:

1. To prevent fire or shock hazards, do not expose this equipment to high humidity and/or dust. Do not use in an unprotected outdoor installation nor any area classified as overly damp or wet.
2. The temperature for installation should be kept between -4°F and 140°F (-20°C and 60°C). Avoid direct sunlight exposure or extreme temperature changes over a short period of time.
3. Do not disassemble or place the unit on an unstable base.
4. Do not drop the unit and avoid heavy impacts.
5. This unit should not be permanently installed unless proper ventilation is provided. Any enclosure openings must not be blocked or covered as they protect the unit from overheating.
6. Before cleaning, turn off the power and unplug the unit from all connections. Use a damp cloth. Do not use liquid cleaners or aerosol cleaners.
7. Do not overload outlets and extension cords, as this may result in a risk of fire or electric shock.
8. Never push objects of any kind, including liquids, into this unit through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock.
9. Do not attempt to open or service this unit yourself; opening or removing covers may expose you to dangerous voltage and other hazards.
10. The unit does not contain user-serviceable parts. Contact your authorized dealer or an authorized repair service company if it requires service.

## Introduction:

The Camplex CMX-FMC-1001 Gigabit Ethernet Fiber Converter extends a copper-based gigabit network over fiber cable by converting 1000Base-T to 1000Base-SX/LX and features one SFP slot and two RJ45 ports. Housed in a vented, black powder-coated steel cabinet with two LED indicators for power (PWR) and fiber connection (FL). Functions as a standalone converter, rack-mounted, or chassis-based. Compliant with IEEE802.3z & 802.3ab, CE, FCC, and RoHS standards. SFP Not Included.

**DISCLAIMER:** Duplex SFPs are **NOT** Included. No IR support.

## In the Box:

- CMX-FMC-1001
- 5V/1A Power supply

## Features:

- Automatic EDID for Rapid Integration of Source and Display
- Low Latency
- Supports HDCP 2.2, HDCP 1.4
- RS232 Bi-Direction Pass Through
- Locking Power Supplies
- Black Powder-Coated Cabinet
- Includes Two Phoenix Plugs for RS-232 Cable Termination
- Certifications: FCC, CE
- Compatible with MSA SFP+ SFP's - Duplex SFPs required



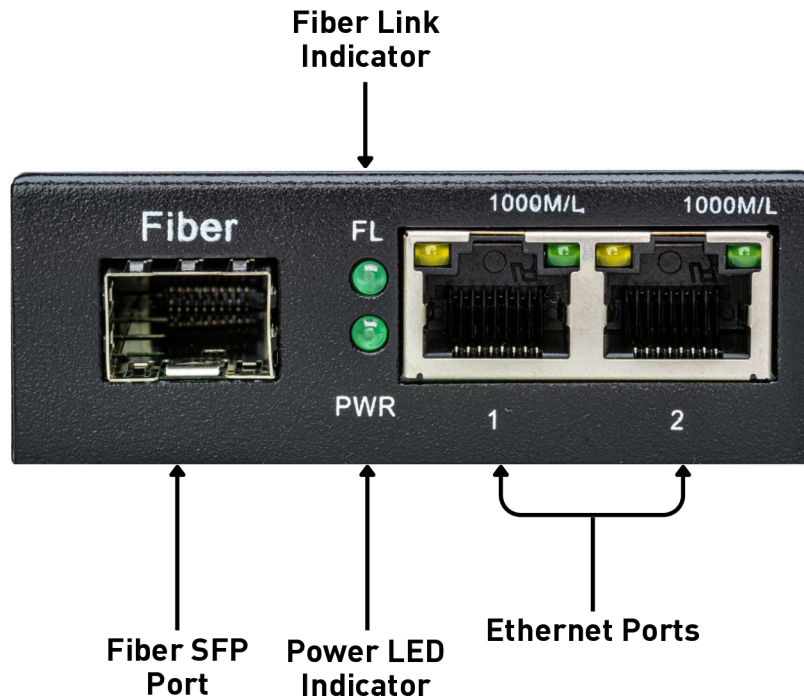


## Specifications:

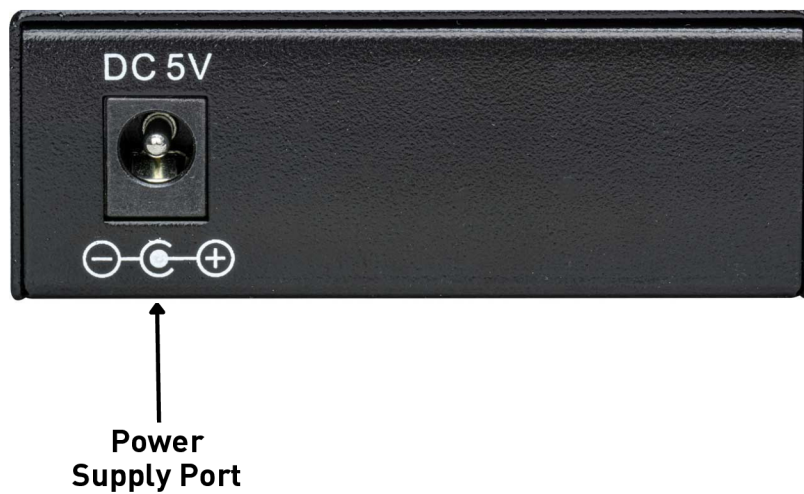
<b>Data Rate</b>	10/100/1000M
<b>Wavelength</b>	SFP Dependent
<b>Fiber Types</b>	Single Mode, Multimode
<b>Fiber Connector</b>	LC Ports
<b>Interface Type</b>	SFP, RJ45 Ports
<b>Power Consumption</b>	≤5W
<b>Transmission Mode</b>	Half Duplex or Full Duplex
<b>Transmission Distance</b>	SFP Dependent
<b>Dimensions</b>	3.7 x 2.8 x 1.05 inch

**Note:** Requires 10G Duplex Transceiver SFP Modules

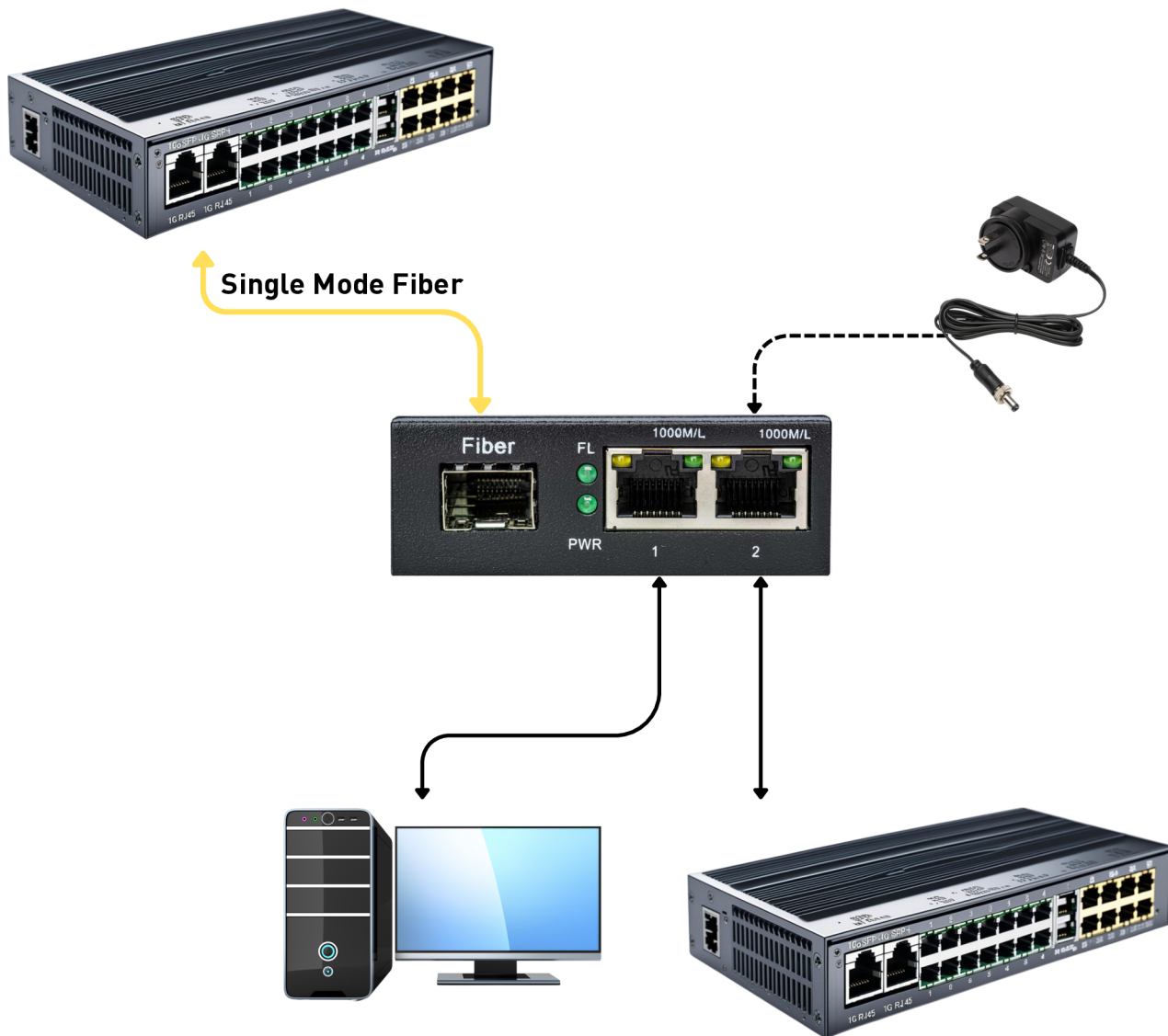
## Panel Description: Front



## Back



## Connection Diagram



## Installation and Connection Connection Instructions

1. Install the SFP Fiber module into the CMX-FMC-1001 (SFPs are **NOT** included).
2. Connect the fiber cable to the SFP.
3. Connect the CMX-FMC-1001 to a computer or Ethernet switch via Cat5 or newer cable.
4. Connect the 5V/1A Power supply to the CMX-FMC-1001.

## LED Indicators

LED	Status	Operation Status
SFP	On	On: Fiber Connection is Stable Off: Fiber connection unstable
	Blink	Data is transferring
P1-2 Link/Act	On	UTP Port connection is correct
	Blink	Data is transferring
PWR	On	Power is on and stable

## Support & Warranty:

Camplex warrants cable assemblies to be free from manufacturer defects and built to a +/-2% tolerance of the overall length. Prior to shipment, Camplex tests and certifies all cable assemblies for insertion loss, return loss, and interferometric data on all fibers in both directions. Camplex cables have a limited lifetime warranty to be free from manufacturer defects.

All other Camplex products are warranted for one (1) year from date of purchase, with parts and labor included.

This warranty is limited to defects in workmanship or materials and does not cover customer damage, abuse, or unauthorized modification. If this product fails or does not perform as warranted, your recourse shall be repair or replacement. Under no condition shall Camplex be liable for any damage incurred through use of this product. This damage includes but is not limited to lost profits, lost savings, or incidental or consequential damage arising from the use of or inability to use this product.

Camplex specifically disclaims all other warranties, expressed or implied, and the installation or use of this product shall be deemed to be an acceptance of these terms by the user. Camplex reserves the right to repair or replace items identified as within warranty.

To determine warranty product failures, all warranty repairs must be returned freight prepaid and insured.