



Power Meter Monitor

Business and Mission-

Critical Solutions Provider

Fiber to Fiber Media Converter

Data Sheet



Model: PMM0506SFPFP

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DECLARATION OF CONFORMITY

This restriction is subject to protect the operational process of the system in the business environment, which will produce, use, and transmit radiofrequency energy. Harmful interference to radio communication could result if instructions to the correct installation and usage were not applied. The interference prevention cannot be guaranteed even with proper installation according to the manual. If the device causes a bad effect on the radio / TV signal. The user could preclude that by turning the device on/off.

When this device produces some harmful interference, the user can use the following measure to solve the interference problem:

1-Setting the receiving antenna's direction or location to increase the distance between this device and receiver.

2-Plug in the device's power connector into different circuits of the power outlet with the receiver.

3-If any technical support is needed, the dealer or experienced radio/TV technical personnel must be informed.

TECHNICAL SUPPORT AND SERVICE

Visit Pmm-usa.us to browse FAQs and get further details.

User should collect the following information before submitting technical support and service requests:

- Product name, model and serial number.
- Installed software (operating system, OS version, installed applications and so on).
- Full description of the problem
- Detailed information about every error.

SAFETY INSTRUCTIONS

- Only trained and qualified personnel can install, operate, or maintain the device.
- Before starting the installation, all safety precautions must be read, and warning labels affixed to the device must be observed. Doing so protects the device from damage and ensures your safety.
- Safety precautions provided in this document may not cover all safety aspects, note to always remain mindful of safety.
- PMM is not liable for any consequence that results from violation of regulations pertaining to safe operations or safety codes pertaining to design, production, and equipment usage.
- DO NOT use liquids or decontamination spray to clean the device surface and assure that it is totally disconnected while cleaning.
- Take all measures to prevent device drop before or during installation.
- Prior to connecting the device to power source, ensure the source and device voltage and power are 100% matched.
- Keep the cables in a suitable covered place.
- If the device is not used for a long time, shut off the power to avoid the damages by transient overvoltage.
- DO NOT allow any liquid flow into the device; to avoid fire or short circuit.
- The recommended storage temperature range should NOT be less than 30°C OR higher than 85°C.



Warning:

- Read the power source and device inlet carefully.
- Handle device with both hands.
- Clean and maintain the device using recommended, safe and suitable methods.



Caution:

If any unauthorized changes of settings or repairs are done without PMM approval; then user's rights of controlling this device will be canceled.



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KEY FEATURES

- Supports single to multimode conversion
- Supports 10/100Mbps data transfer rates to meet a wide range of requirements
- 2x open slots for SFP modules
- 2x LED indicators to monitor network activity
- Meets all power substation requirements
- Wide range of power supply options
- -40 to 85°C system operating temperature
- Din Rail, wall mount, panel mount and rack mount options
- Compact, fanless design

DESCRIPTION

PMM506 is a fiber to fiber media converter and repeater. The device can convert two digital optical signals of SC1X9 modules, which have the same speed, between different wavelengths, different distances and different modes (single mode, multi-mode, UTP, fiber optics).

PMM0506 industrial grade media converter can function under harsh environmental conditions of any site. It is especially designed to meet all power substations and PV plants requirements. Furthermore, it covers all field standards of power, reliability, easy configuration and long-lasting life.

This device can be ordered with multiple power supply ratings to select from.

TARGET APPLICATION

There are many applications that PMM0506 can perform with high efficiency and effectiveness offering intelligent and flexible solution such as:

- Single to Multimode Media Converter
- Single Mode Dual Fiber to Single Mode Single Fiber Converter
- SFP-SFP Repeater

TECHNICAL SPECIFICATIONS

Interfaces

Fiber	2x SFP
LED Indicators	2x LED for power Fiber SD (Signal Detect)

Power Parameters

Input Power Supply Options	10-48VDC / 10-60VDC 85-265VAC / 100-300VDC Direct inputs 5 VDC / 3A
Power Connector	Phoenix Contact 4 pins 3.5mm

Physical Characteristics

Housing	Metal
Dimensions	4.05*4.05*1.45 inch (103*103*1.45 mm)
Mounting Options	DIN Rail Panel Mounting Wall Mounting 19" Rack 1U

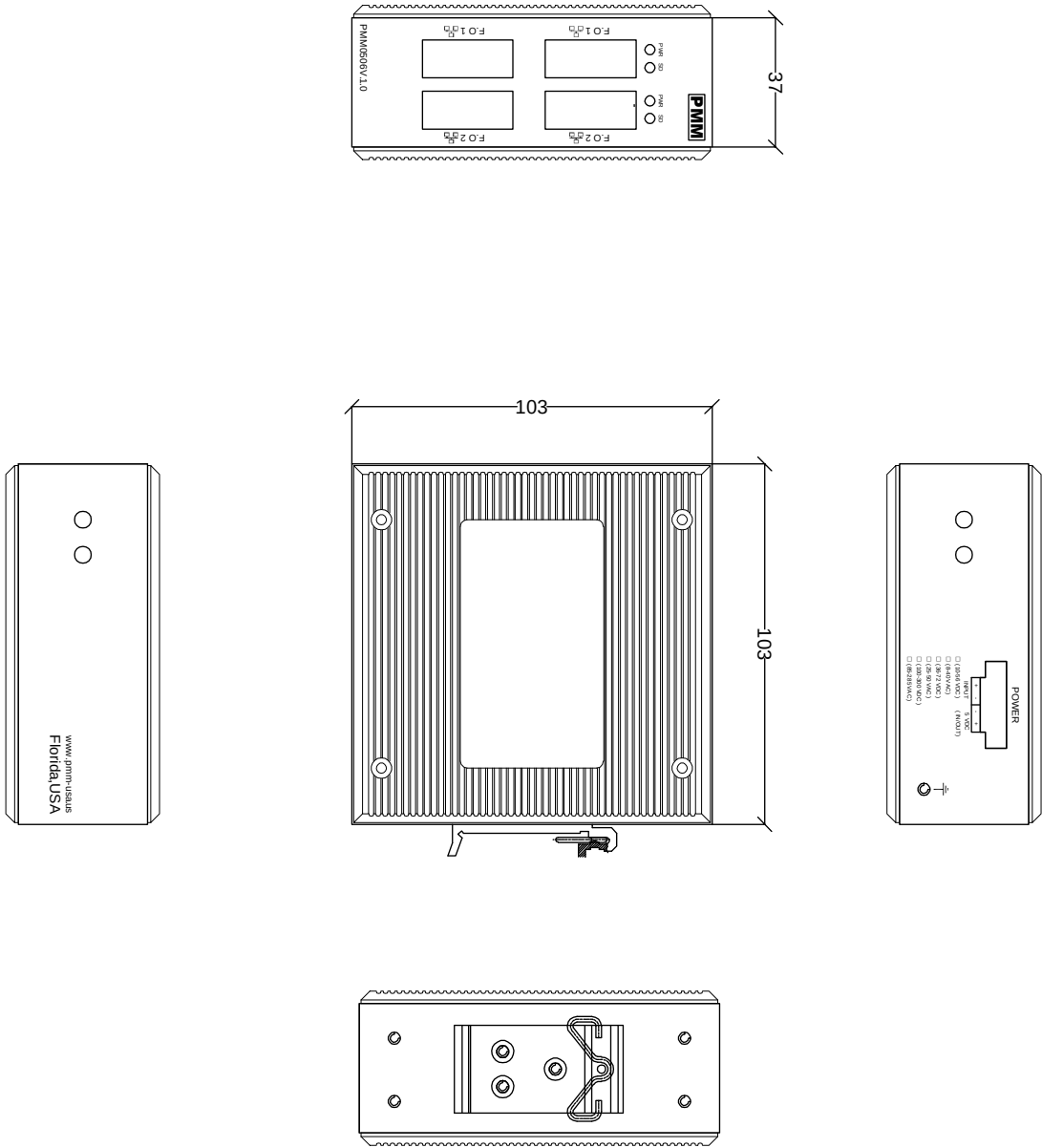
ENCLOSURE ASSEMBLY INFORMATION



ITEM	DESCRIPTION
1	4x LED Indicators
2	2x SPF Fiber Optic Port
3	2x SPF Fiber Optic Port

4	Screw
5	Heat Sink
6	Power Supply Adapter
7	Screws

ENCLOSURE DIMENSIONS



ORDERING INFORMATION

Order Configuration table	
PMM0506SFPSFP	- X
Power supply	
10-48VDC / 10-60VDC	-1
85-265VAC / 100-300VDC	-2
Direct inputs 5 VDC / 3A	-3

Accessories

DIN Mount (Included 1 kit)	DIN Rail Mounting Bracket
Wall Mounting Kit (Included 1 kit)	2x Wall Mounting Bracket
Panel Mounting Kit (Optional)	2x Panel Mounting Bracket
Rack Mounting Kit (Optional)	Rack Mounting Bracket

CONTACT INFORMATION:

For direct inquiries or any customized orders, contact us on sales@Pmm-usa.us