PMM
Power Meter Monitor

Business and Mission-

Critical Solutions Provider

Fiber to Fiber Media Converter

Data Sheet

Model: PMM0506SCSC
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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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CONTENTS   PAGE

KEY FEATURES

- 4x fiber optic ports
- Supports single to multimode conversion
- Supports 10/100Mbps data transfer rates to meet a wide range of requirements
- 2x LED indicators per board to monitor network activity
- Meets all power substation requirements
- Wide range of power supply options
- Compact, fanless design
- Din Rail, wall mount, panel mount and rack mount options.
- -40 to 85°C system operating temperature

TARGET APPLICATION

PMM0506 can perform efficiently and effectively in the PV, substation and industrial applications as:

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

DESCRIPTION

PMM506 is a dual board 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 the 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.

TECHNICAL SPECIFICATIONS

Interfaces

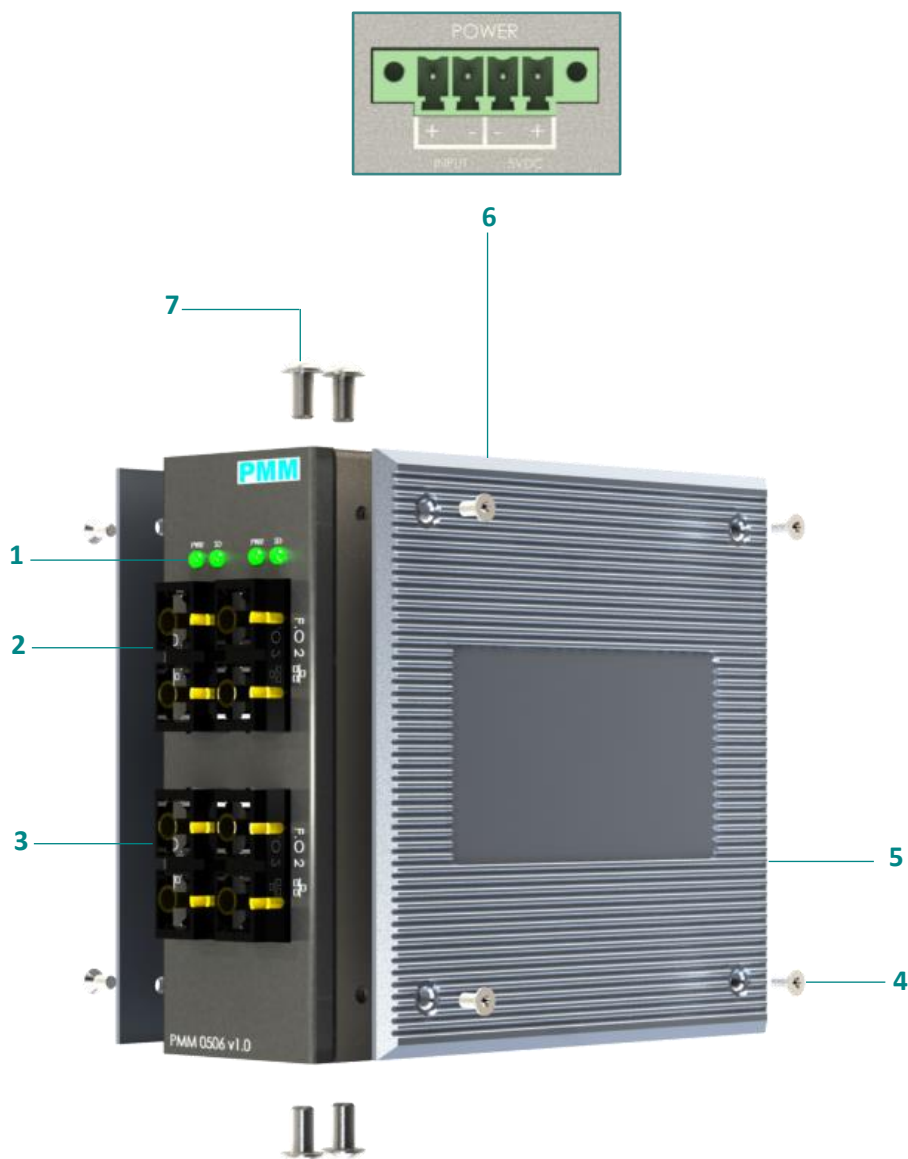|	
Fiber	2x SC ports
LED Indicators	2x LED for power Fiber SD (Signal Detect)

Power Parameters

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

Physical Characteristics

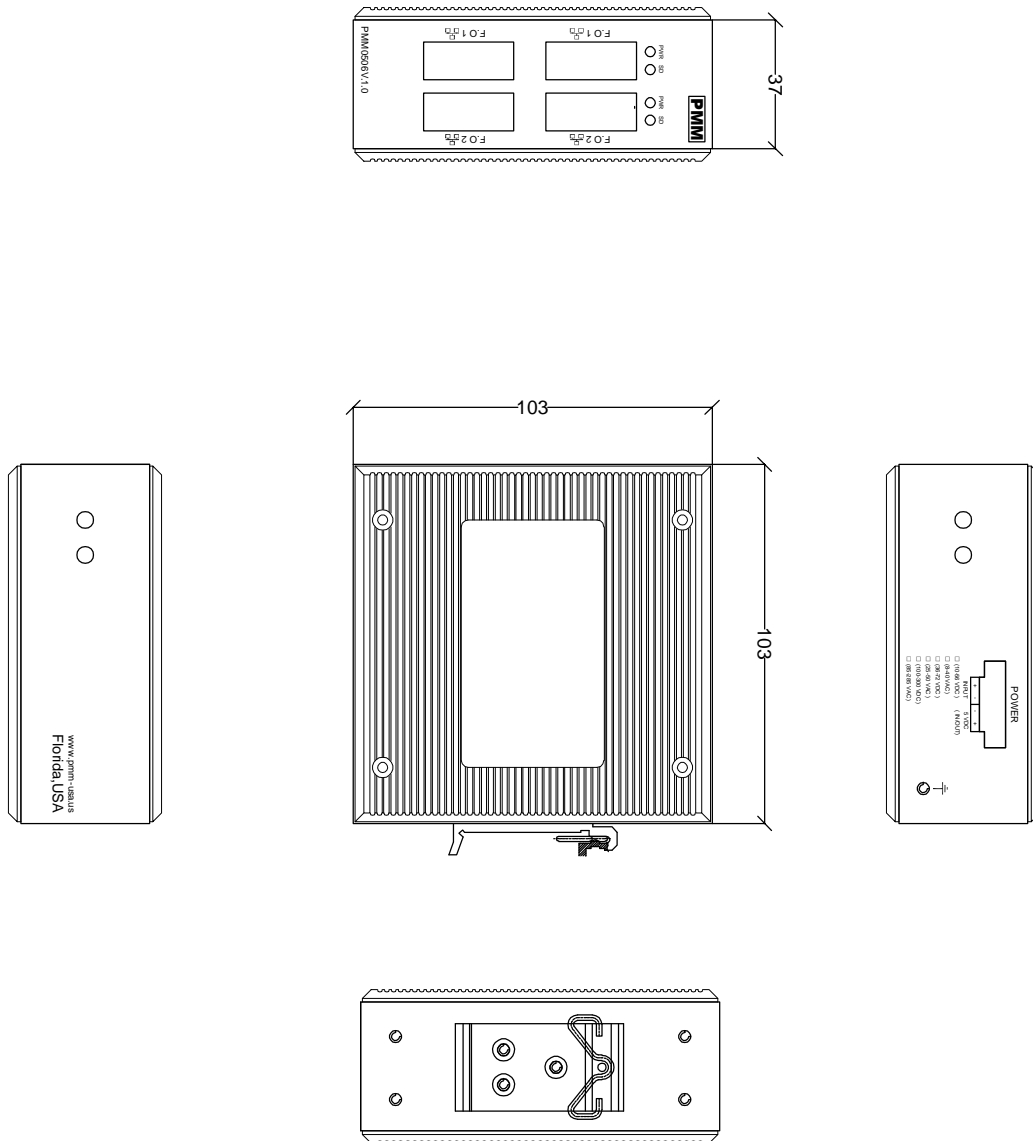|	
Housing	Metal
Dimensions	4.05*4.05*1.45 inch (103*103*1.45 mm)
Mounting Options	DIN Rail Panel Mounting Wall Mounting 19" Rack 1U

ENCLOSURE ASSEMBLY INFORMATION

ITEM	DESCRIPTION
1	4x LED Indicators
2	2x Fiber Optic SC Ports
3	2x fiber Optic SC Ports

4	Screw
5	Heat Sink
6	Power Supply Adapter
7	Screw

ENCLOSURE DIMENSIONS

ORDERING INFORMATION

Order Configuration table	
PMM0506SCSC	- X
Power supply	
220 VAC	-1
12-60 VDC/AC	-2

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**