



PRODUCT DATA SHEET

WPM11101

Instantaneous & Simultaneous

- Local and/or Remote Monitoring
- Forward Power Reading/Monitoring (Watts or dBm)
- Reverse Power Reading/Monitoring (Watts or dBm)
- VSWR Readings (Watts, Return Loss, Rho)

VSWR Alarm

- Customer can set up audio/visual alarm via relay contacts.
- Signal sent to closed loop.

Temperature Monitoring (with alarm)

- One sensor, internal measurement, within Power Meter.
- One sensor, external measurement, to be placed by customer.

General Purpose Inputs (6 ea) Multiple Use

- Track switch closures (assign to interlock group).
- Trigger alarm relay (sends email alert).
- RF presence status/alarm (safety feature).
- Alarm, activated switch.

Accessories:

- Single Channel and Multi-Channel Displays
- RF Digital Dashboard Spreadsheet Software, (Simultaneously Monitor Outputs of 30+ Power Meters)
- PC Based Graphical User Interface Windows XP/7/8/10 Compatible

Accuracy:

- $\pm 2\%$ to Customer Calibration Standard, at preselected frequencies.
- $\pm 5\%$ over a Multi-Octave Bandwidth
- Werlatone Calibration Traceable to (NIST) National Institute of Standards and Technology

Power:

- AC Power Adapter (100/240 50-60 Hertz V AC)
- POE (Passive Over Ethernet, Optional POE Injector Kit Available)
- Via RS485 (Via Single Channel or Multi-Channel Displays)

Interface (Via):

- TCP/IP - SNMP and Browser Interface via Local Area Network
- RS232, Serial
- RS485 - Form Addressable Serial Network
- User ID and Password Protected for Access and Control
- Multiple units can be Networked and Simultaneously Monitored On-Site or Remotely (TCP/IP/SNMP/Serial)

RoHS Compliant Design Available
Custom Connector Configurations Available

Electrical Specifications:

Frequency: 80 - 1000 MHz
Power: 200 W CW

Mechanical Specifications:

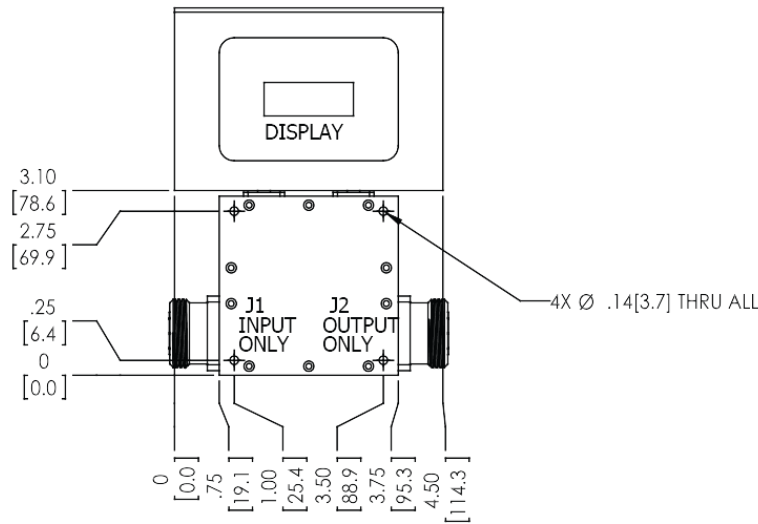
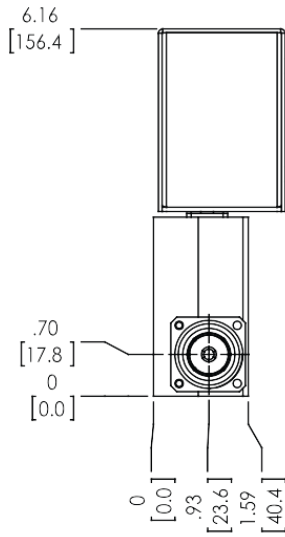
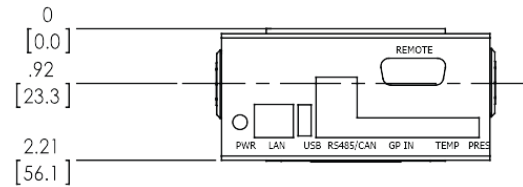
Type: Connectorized
Operating Temperature: -55°C to $+75^{\circ}\text{C}$
Storage Temperature: -60°C to $+85^{\circ}\text{C}$

Connector Configurations:

Model	Input(J1)	Output(J2)
WPM11101-22	7/16 Female	7/16 Female

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REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
	PRE-RELEASE		



		UNLESS OTHERWISE SPECIFIED		OWN	DATE	17 Jon Barrett Rd Patterson, NY 12563	
		• INTERPRET DRAWING (AWI) MSL-STD-889		PLP	3/28/2017	WERLATONE SINCE 1965	
		• DIMENSIONS FOR ASME Y14.5M-2009		CHK	DATE	TITLE	
		• DIMENSIONAL INFO FOR REF ONLY		ENG	DATE	SIZE	
		• DIMENSIONS ARE IN INCHES (mm)		MPGR	DATE	CAGE CODE	
		• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES		QA	DATE	DWG NO	
		• TOLERANCES:		RELSE	DATE	REV	
		ANGLES: ± .2°					
		3 PL ± .005 (1.3)					
		2 PL ± .015 (1.4)					
		• REMOVE ALL BURRS AND SHARP EDGES R.05 MAX					
		• CONCENTRICITY FINISHED DIA. AND FOM					
		• MACHINE TOOL MATCHES 3D MODEL					
TBD							
NEXT ASSY	USED ON			B 28812 21511-501			
APPLICATION		THIRD ANGLE PROJECTION		SCALE: 1:2		SHEET 1 OF 1	
2						1	