



PRODUCT DATA SHEET

WPM11490

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 (saftey 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: 10 - 127 MHz
Power: 20,000 W CW

Calibrated to Exact Frequencies:

12.882 MHz 13.56 MHz 14.238 MHz
57.0 MHz 60.0 MHz 63.00 MHz
127.00 MHz

Mechanical Specifications:

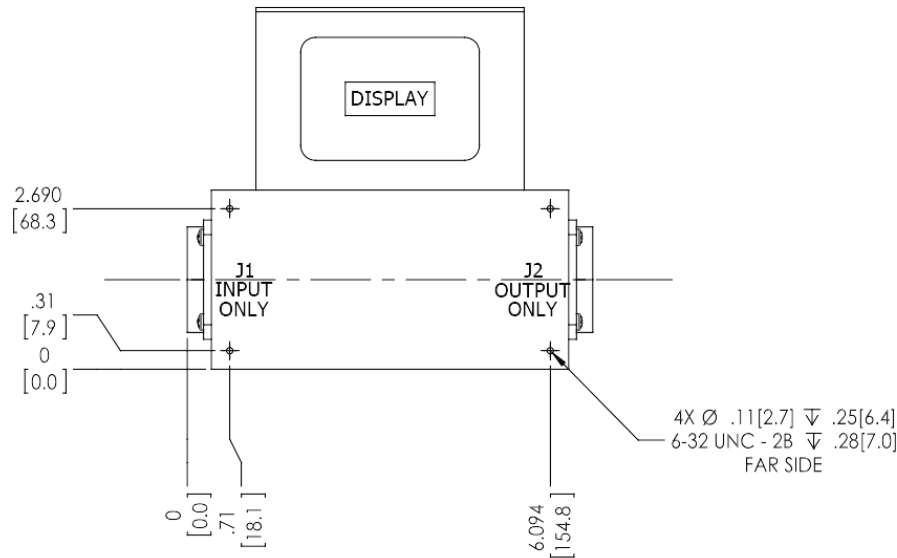
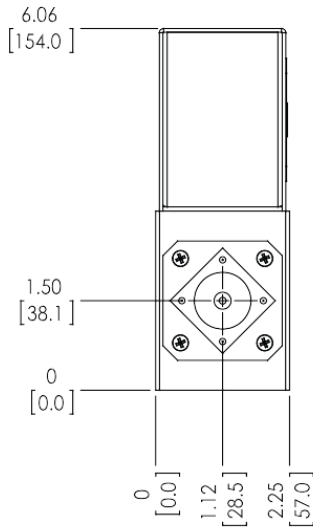
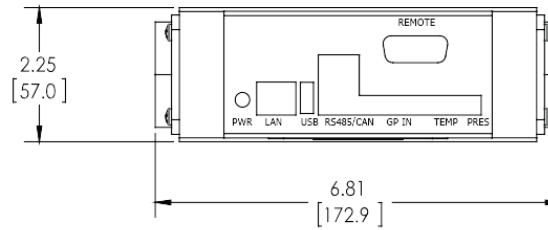
Type: Connectorized
Operating Temperature: -55°C to +75°C
Storage Temperature: -60°C to +85°C

Connector Configurations:

Model	Input(J1)	Output(J2)
WPM11490-502	SQS Female	SQS Female
WPM11490-7502	SQS Male	SQS Female
WPM11490-QC-2	QC Block	QC Block

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REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	2/12/2018	CS



UNLESS OTHERWISE SPECIFIED		OWN	PLP	DATE	2/9/2018
• INTERPRET DRAWING (AWP) (STD) (00)		CHK	CS	DATE	2/9/2018
• DIMENSIONS PER ASME Y14.5M-2009		ENGR	DATE		
• PARENTHERICAL INFO FOR REF ONLY		INPR	DATE		
• DIMENSIONS ARE IN INCHES (mm)		QA	DATE		
• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES		RLSE	DATE		
• TOLERANCES:					
ANGLES ± .2°					
2 PL ± .005 (13)					
2 PL ± .015 (4)					
• REMOVE ALL BURRS AND SHARP EDGES 0.01 MAX					
• CONCENTRICITY MACHINED DIA. AND FDM					
• MACHINE TOOL IDENTIFICATION AND MARK					
THIRD ANGLE PROJECTION					
APPLICATION					
NEXT ASSY					
USED ON					
WPM11416					
TITLE					
OUTLINE					
SIZE					
B 28812					
CAGE CODE					
21583-500					
SCALE					
1:2					
SHEET 1 OF 1					

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