



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

**Mechanical Specifications:**

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

**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

**Connector Configurations:**

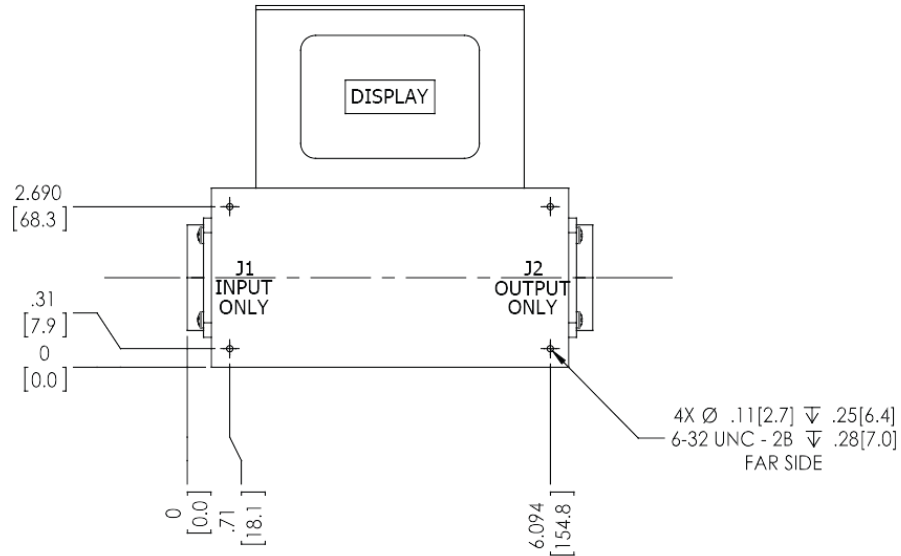
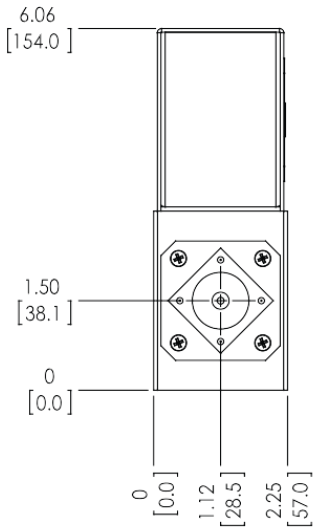
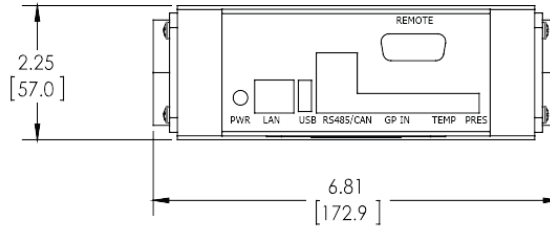
Model	Input(J1)	Output(J2)
WPM11490-502	SQS Female	SQS Female
WPM11490-7502	SQS Male	SQS Female
WPM11490-QC-2	QC Block	QC Block

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



UNLESS OTHERWISE SPECIFIED		DWN	PLP	DATE	2/9/2018	<b>WERLATONE</b> SINCE 1965 17 Jon Barrett Rd Patterson, NY 12563			
• INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009 • DIMENSIONS ARE IN INCHES (MM) • DIMENSIONAL LIMITS APPLY BEFORE PROCESSES • TOLERANCES: ANGLES ± 2° 3 PL ± .005 (13) 2 PL ± .015 (4) • REMOVE ALL BURRS AND SHARP EDGES 0.01 MAX • CONCENTRICITY MACHINED DIA. 0.02 FDM • MACHINE TOOL INDICATOR 0.002 MAX		CHK	CS	DATE	2/9/2018				
WPM11416		ENGR		DATE		TITLE	<b>OUTLINE</b>		
NEXT ASSY	USED ON	INFR		DATE		SIZE	CAGE CODE	DWG NO	REV
		QA		DATE		<b>B</b>	<b>28812</b>	<b>21583-500</b>	-
APPLICATION		RELEASE		DATE		SCALE	<b>1:2</b>	SHEET 1 OF 1	

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