



## PRODUCT DATA SHEET

**WPM10800**

### 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

### Electrical Specifications:

Frequency: 20 - 200 MHz  
Power: 10,000 W CW

### Calibrated to Exact Frequencies:

57.0 MHz    60.0 MHz    63.0 MHz  
127.0 MHz

### Connector Configurations:

Model	Input(J1)	Output(J2)
WPM10800-502	SQS Female	SQS Female
WPM10800-7502	SQS Male	SQS Female
WPM10800-QC-2	QC Block	QC Block

### 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)

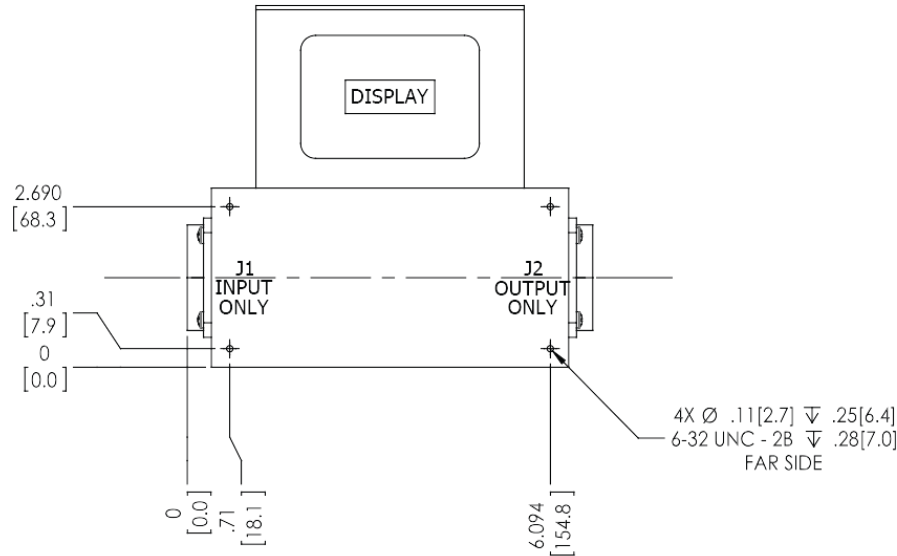
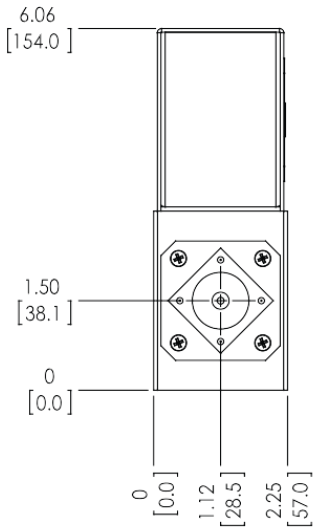
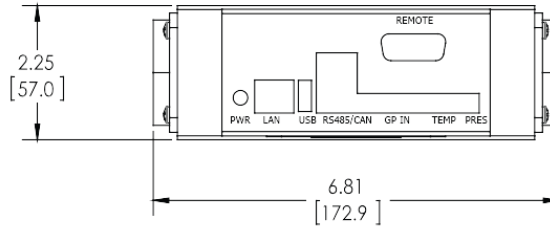
RoHS Compliant Design Available  
Custom Connector Configurations Available

### Mechanical Specifications:

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

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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	WERLATONE 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 FIM * MACHINE TOOL INDICATION 0.02 MAX		CHK	CS	DATE	2/9/2018	
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APPLICATION		INFR		DATE		<b>OUTLINE</b>
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