



**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 (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: 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:**

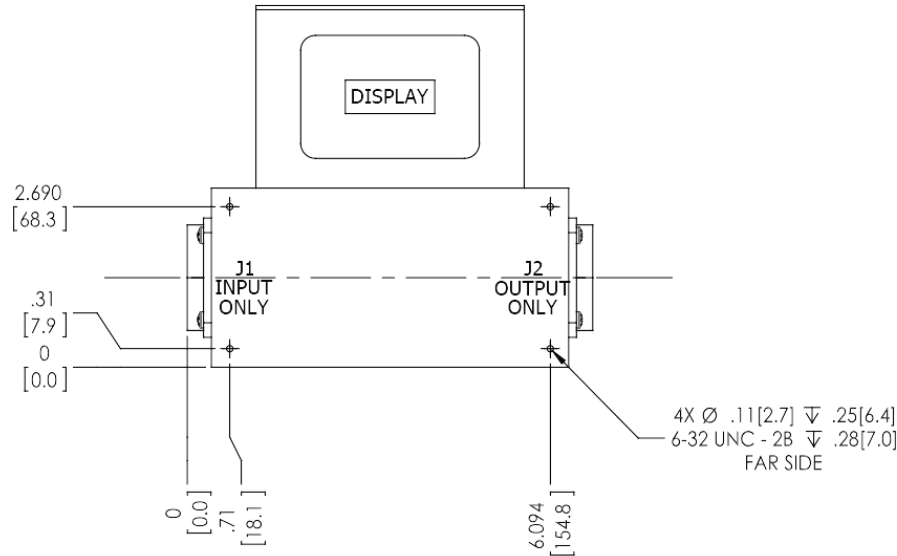
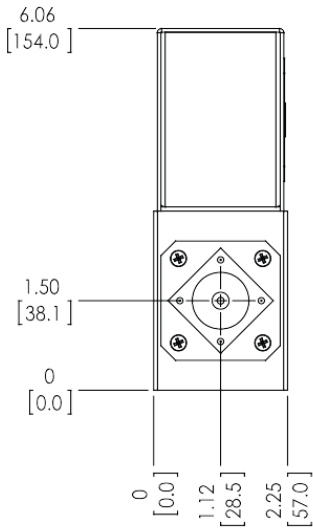
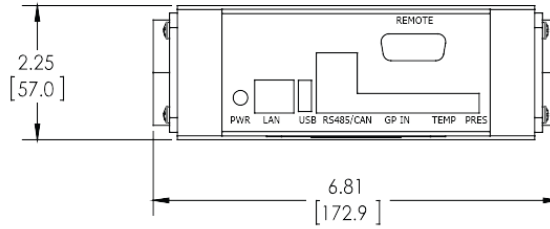
Model	Input(J1)	Output(J2)
WPM10800-502	SQS Female	SQS Female
WPM10800-7502	SQS Male	SQS Female
WPM10800-QC-2	QC Block	QC Block

**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	<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. 002 F2M • MACHINE TOOL INDICATOR 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
APPLICATION	THIRD ANGLE PROJECTION	QA		DATE		<b>B</b>	<b>28812</b>	<b>21583-500</b>	-
		RELEASE		DATE		SCALE	<b>1:2</b>		SHEET 1 OF 1

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