



WERLATONE

Model WPM10800
Coaxial Power Meters



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

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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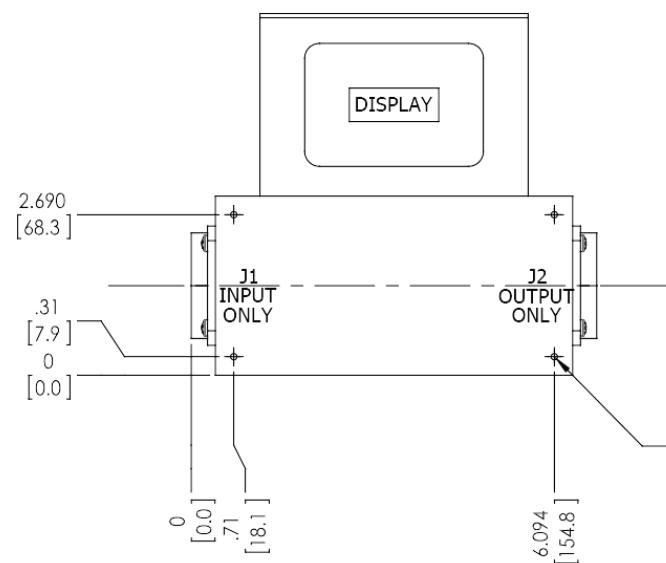
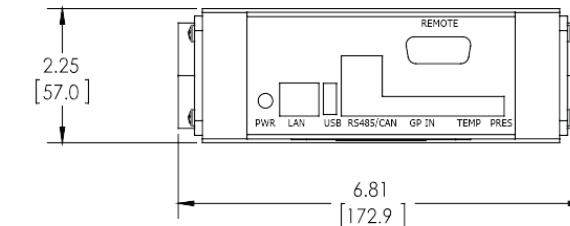
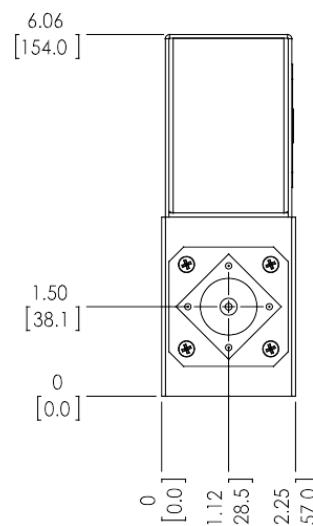
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REVISION HISTORY

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

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UNLESS OTHERWISE SPECIFIED		OWN	DATE	WERLATONE SINCE 1965		17 Jon Barrett Rd
		PLP	DATE			Patterson, NY 12563
		CRK	DATE			
		CS	2/9/2018			
		ENGR	DATE			
		HGR	DATE			
		QA	DATE			
		RSE	DATE			
APPLICATION		THIRD ANGLE PROJECTION		SCALE	1:2	SHEET 1 OF 1
NEXT ASSY		WPM11416		B 28812 21583-500		REV -
USED ON						