



WERLATONE

Model WPM11071
Coaxial Power Meters



PRODUCT DATA SHEET

WPM11071

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: 1.5 - 32 MHz
Power: 2,500 W CW

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)
WPM11071-22	7/16 Female	7/16 Female

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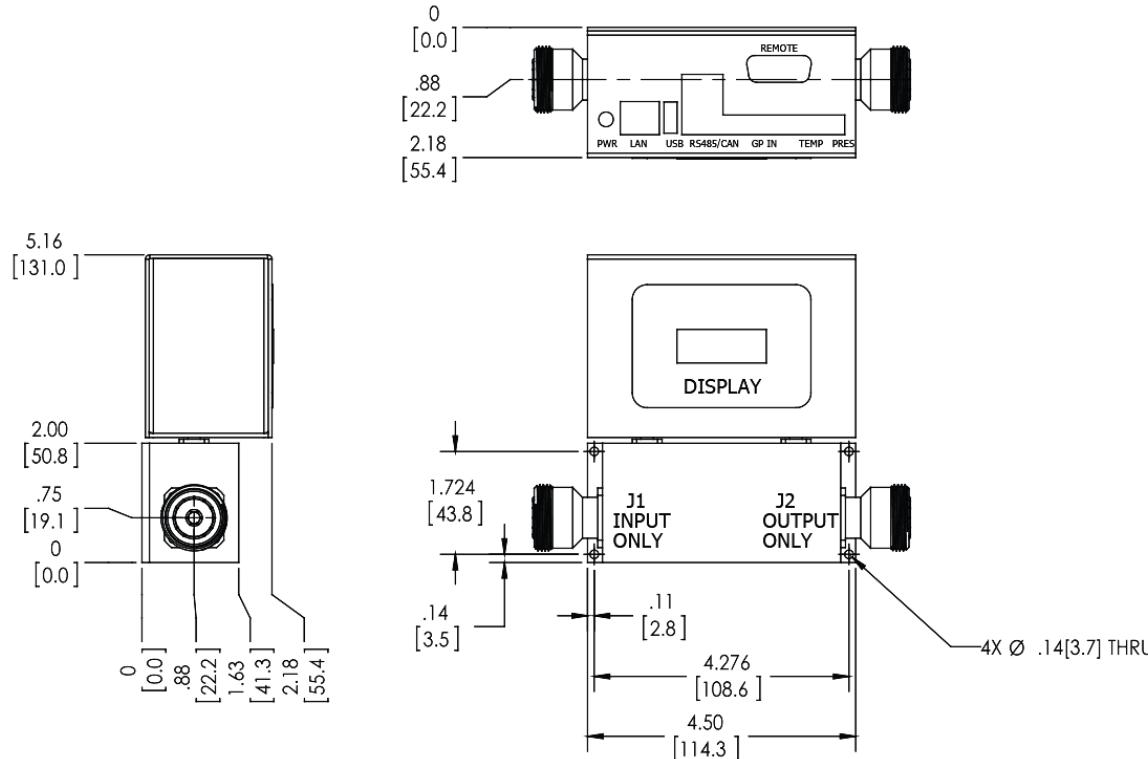
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REVISION HISTORY

REV.	REVISION RECORD	DATE	APPROVED
	PRE-RELEASE		

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PRELIMINARY DWG. SPECIFICATIONS MAY CHANGE PRIOR TO DWG RELEASE.

UNLESS OTHERWISE SPECIFIED		OWN	PLP	DATE	WERLATONE SINCE 1965		17 Jon Barrett Rd
INTERPRET DRAWING AS MIL-STD-100		CHK	DATE				Patterson, NY 12563
ALL DIMENSIONS ARE IN INCHES (mm)		ENGR	DATE				
PARENTHETICAL DIMENSIONS ONLY		HGR	DATE				
DIMENSIONAL LIMITS APPLY BEFORE PROCESSES		QA	DATE				
TOLERANCES		RELE	DATE				
ANGLES $\pm 2^\circ$							
3 PL. $\pm .005$ [1.3]							
2 PL. $\pm .010$ [2.5]							
• REMOVE ALL BURRS AND SHARP EDGES R.01 MAX							
• CONCENTRICITY MACHINED DIA .002 FIM							
• MACHINE TOOL MISMATCH .002 MAX							
NEXT ASSY		OUTLINE					
USED ON		SIZE			CAGE CODE		DWG NO
APPLICATION		B			28812		21511-502
THIRD ANGLE PROJECTION		REV			PO		
		SCALE			1:2		
		SHEET			1 OF 1		

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