


**PRODUCT DATA SHEET**
**WPM11316**
**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: 2 - 50 MHz  
 Power: 2,500 W CW

**Connector Configurations:**

Model	Input(J1)	Output(J2)
WPM11316-12	N Female	N Female
WPM11316-22	7/16 Female	7/16 Female

**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)

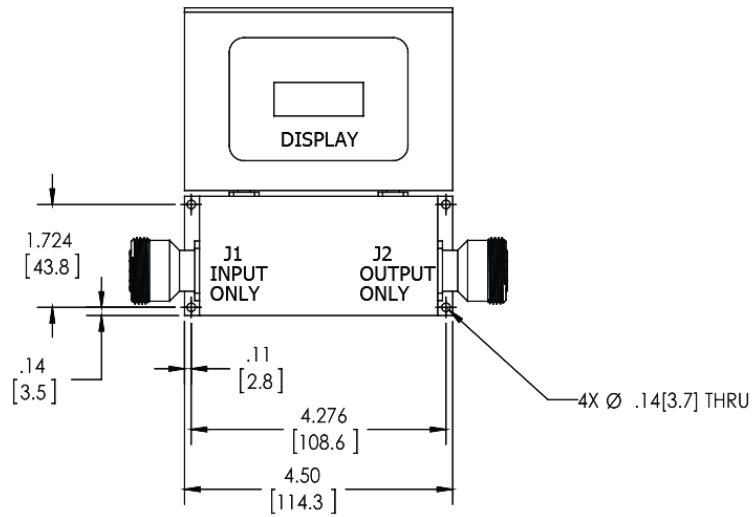
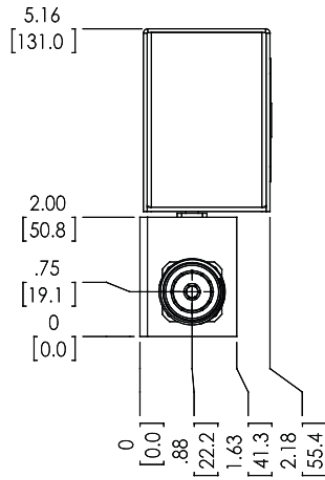
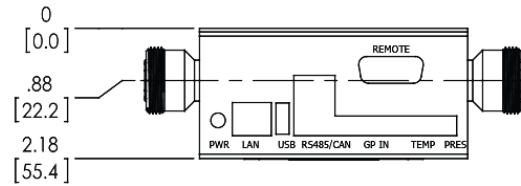
RoHS Compliant Design Available  
 Custom Connector Configurations Available

**Mechanical Specifications:**

Type: Connectorized  
 Operating Temperature:  $-55^{\circ}\text{C}$  to  $+75^{\circ}\text{C}$   
 Storage Temperature:  $-60^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$

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REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
	PRE-RELEASE		



**PRELIMINARY DWG. SPECIFICATIONS MAY CHANGE PRIOR TO DWG RELEASE.**

UNLESS OTHERWISE SPECIFIED		DWN	DATE	WERLATONE SINCE 1965 17 Jon Barrett Rd Patterson, NY 12563
• INTERPRET DRAWING UNW PLD-STD-100 • DIMENSIONING PER ASME Y14.5M-2009 • PARENTHERTICAL INFO FOR REF ONLY • 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 FIM • MACHINE TOOL VARIATION: .003 MAX		PLP	3/28/2017	
WMP11071-22		CHK	DATE	TITLE
NEXT ASSY USED ON		ENGR	DATE	OUTLINE
APPLICATION		RFGR	DATE	SIZE CAGE CODE DWG NO
		QA	DATE	B 28812 21511-502
		RLSE	DATE	REV
				P0
				SCALE 1:2
				SHEET 1 OF 1

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