



PRODUCT DATA SHEET

WPM11416

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: 10 - 300 MHz
Power: 10,000 W CW

13.56 MHz Test: Calibration Points

-5%	Center Frequency	+5%
12.882 MHz	13.56 MHz	14.238 MHz

60 MHz Test: Calibration Points

-5%	Center Frequency	+5%
57 MHz	60 MHz	63 MHz

Mechanical Specifications:

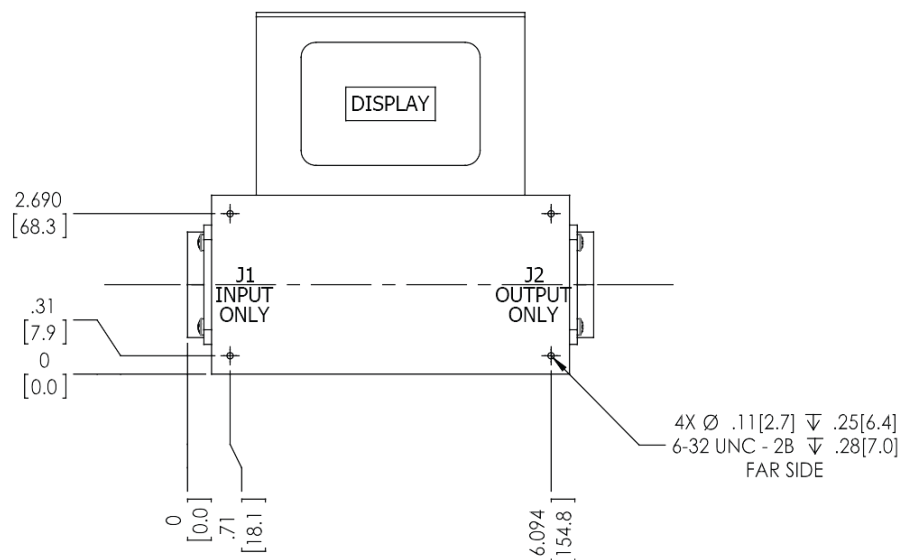
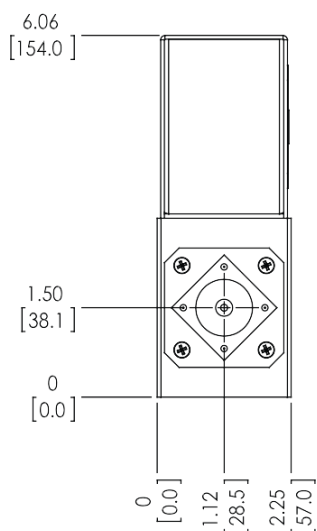
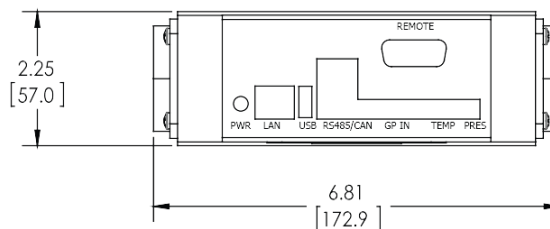
Type:	Connectorized
Operating Temperature:	-55°C to +75°C
Storage Temperature:	-60°C to +85°C
Size:	6.0 x 3.0 x 2.24"



Connector Configurations:

Model	Input(J1)	Output(J2)
WPM11416-501	SQS Female	SQS Female
WPM11416-7502	SQS Male	SQS Female
WPM11416-QC-3	QC Block	QC Block

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



		UNLESS OTHERWISE SPECIFIED		DOWN	PLP	DATE	 WERLATON SINCE 1965		17 Jon Barrett Rd Patterson, NY 12568	
		<ul style="list-style-type: none">• INTERPRET DRAWING MAY MEET STD-105• CONFORMING PER ASME Y14.5M-2009• PREDETERMINED BASIS FOR RPT ONLY• DIMENSIONS ARE IN INCHES (mm)• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES• TOLERANCES: <div>ANGLES ± 2° 2 PL ± .005 (.13) 2 PL ± .015 (.4)</div>• REMOVE ALL BURRS AND SHARP EDGES R.0.1 MAX• CONCENTRICITY MACHINED EDGE .002 FOM• MACHINE TOOL RESONANCE .003 MAX		CHK		DATE	2/9/2018		TITLE	
				ENGR		DATE				
				PFGR		DATE				
				QA		DATE	SIZE	CAGE CODE	DWG NO	R
				SCALE		DATE	B	28812	21583-500	
				RELEASE		DATE	SIZE		1:2	
NEXT ASSY		WPM11416 USED ON		THIRD ANGLE PROJECTION				SHEET 1		OF 1

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