



PRODUCT DATA SHEET

WPM11681

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: 2 - 128 MHz
Power: 10,000 W CW

Calibrated to Exact Frequencies:

2.0 MHz 13.56 MHz 27.2 MHz
60.0 MHz 127.12 MHz

Mechanical Specifications:

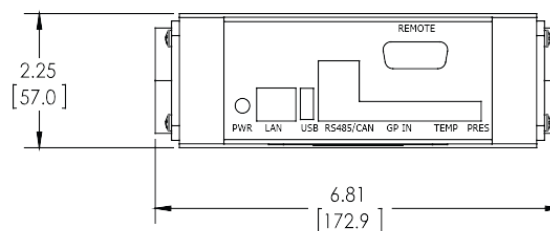
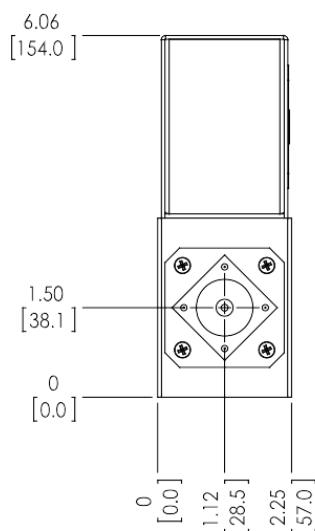
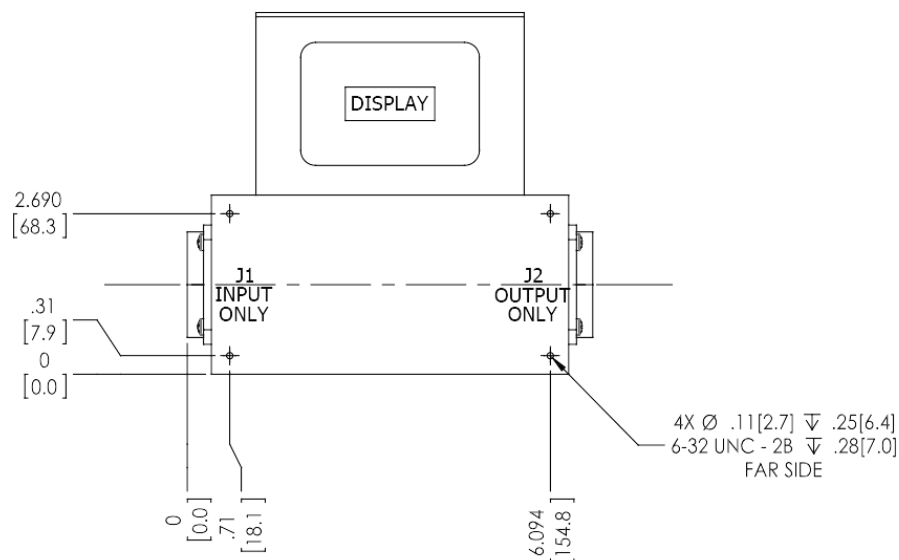
Type: Connectorized
Operating Temperature: -55°C to +75°C
Storage Temperature: -60°C to +85°C

Connector Configurations:

Model	Input(J1)	Output(J2)
WPM11681-502	SQS Female	SQS Female
WPM11681-7502	SQS Male	SQS Female
WPM11681-QC-2	QC Block	QC Block

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



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		<ul style="list-style-type: none">• INTERPRET DRAWING AND PM: SITE UP• CONSIDER PERMITS PER AEC 114-200-200• PRESENTATIVE TITLE, BOLD FOR BEST COPY• DIMENSIONS ARE IN INCHES (mm)• CONSTRUCTION LIMITS APPLY BEFORE PROCESSES• TOLERANCES		CHK	CS	DATE	TITLE			
		ANGLES ± 7° 2 PL ± .001 (3) 2 PL ± .015 (4)		ENGR		DATE	OUTLINE			
		<ul style="list-style-type: none">• REMOVE ALL BARRIERS AND CHAMP EDGES 6.0 MAX• CONCENTRICITY FRACTURED CHAL. AND FPM• MACHINE TOOL PROBABLY 600 MAX		RFGR		DATE	SIZE CAGE CODE DWG NO			
NEXT ASSY		WPM11416 USED ON		QA		DATE	B 28812 21583-500			
APPLICATION		THIRD ANGLE PROJECTION 		RESE		DATE	SCALE 1:2		SHEET 1 OF 1	

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