



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

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

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

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)

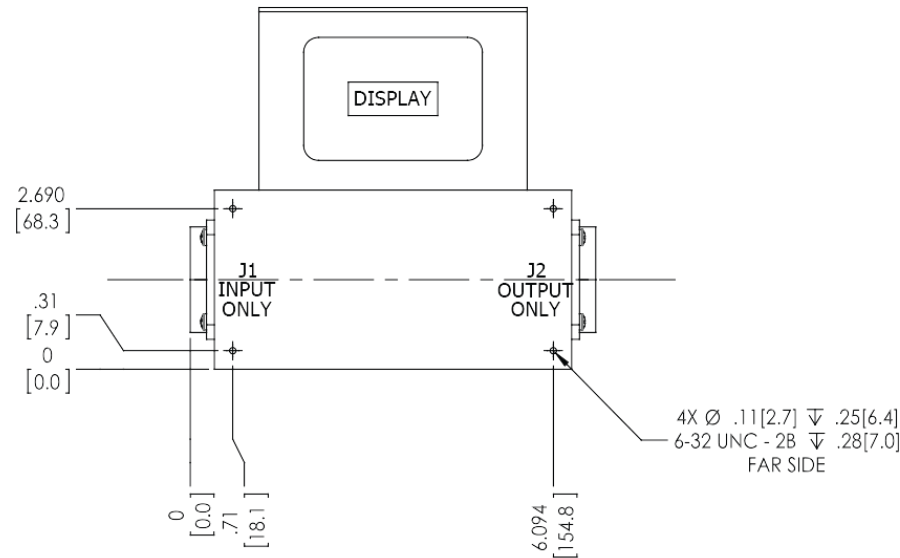
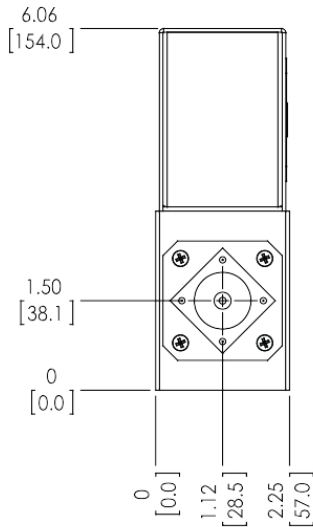
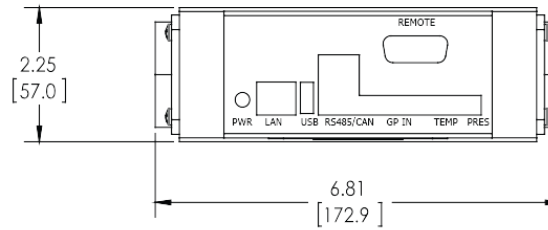
RoHS Compliant Design Available
Custom Connector Configurations Available

Mechanical Specifications:

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

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



UNLESS OTHERWISE SPECIFIED		OWN	PLP	DATE	2/9/2018
• INTERPRET DRAWING SHOWN PLS STD 100		CHK	CS	DATE	2/9/2018
• DIMENSIONS PER ASME Y14.5M-2009		ENGR		DATE	
• PARENTHERICAL INFO FOR REF ONLY		INPR		DATE	
• DIMENSIONS ARE IN INCHES (mm)		QA		DATE	
• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES		RLSE		DATE	
• TOLERANCES:					
ANGLES ± .2°					
2 PL ± .005 (13)					
2 PL ± .015 (4)					
• REMOVE ALL BURRS AND SHARP EDGES 0.01 MAX					
• CONCENTRICITY MACHINED DIA. AND FDM					
• MACHINE TOOL IDENTIFICATION AND MARK					
WPM11416					
NEXT ASSY USED ON					
APPLICATION					
THIRD ANGLE PROJECTION					

WERLATONE SINCE 1965		17 Jon Barrett Rd Patterson, NY 12563	
TITLE		OUTLINE	
SIZE	CAGE CODE	DWG NO	REV
B 28812		21583-500	-
SCALE	SHEET 1 OF 1		
1:2			

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