



**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:**

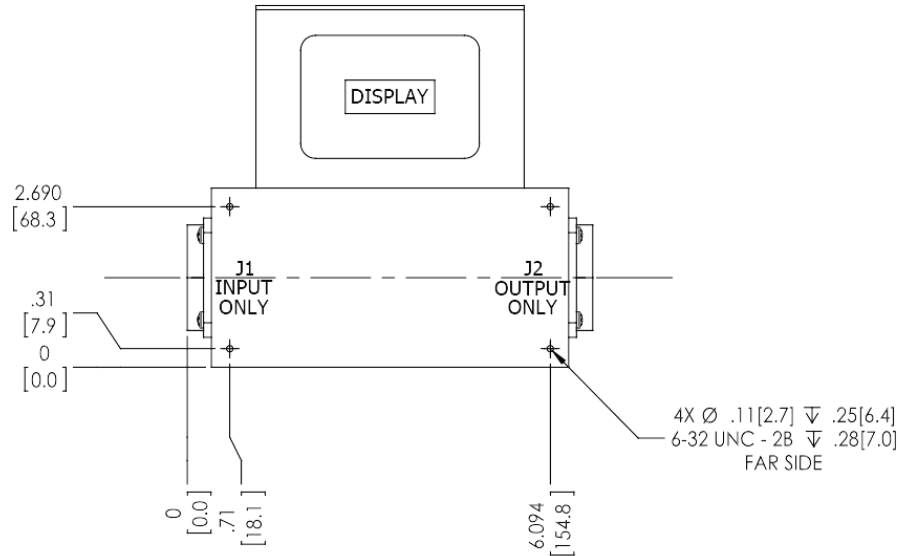
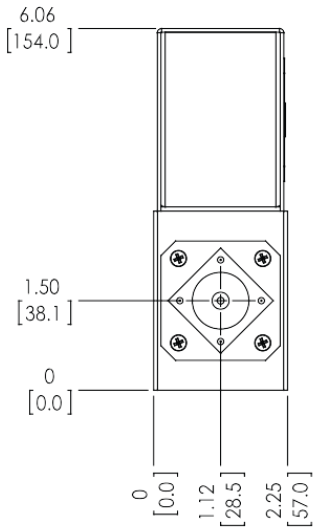
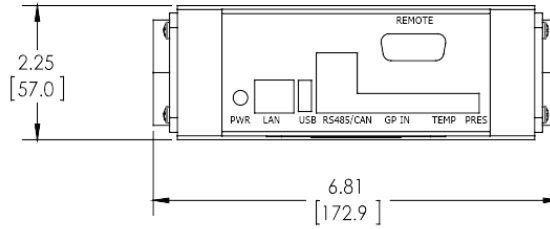
Type: Connectorized  
 Operating Temperature: -55°C to +75°C  
 Storage Temperature: -60°C to +85°C

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



|   |  |       |     |      |          |   |
|---|--|-------|-----|------|----------|---|
| UNLESS OTHERWISE SPECIFIED  |  | DWN   | PLP | DATE | 2/9/2018 | <b>WERLATONE</b> SINCE 1965<br>17 Jon Barrett Rd<br>Patterson, NY 12563 |
| * INTERPRET DRAWING IN ACCORDANCE WITH ASME Y14.5-2009<br>* DIMENSIONS ARE IN INCHES (MM)<br>* DIMENSIONAL LIMITS APPLY BEFORE PROCESSES<br>* TOLERANCES:<br>ANGLES ± 2°<br>3 PL ± .005 (13)<br>2 PL ± .015 (4)<br>* REMOVE ALL BURRS AND SHARP EDGES 0.01 MAX<br>* CONCENTRICITY MACHINED SURF. 0.02 FDM<br>* MACHINE TOOL INDICATOR 0.002 MAX |  | CHK   | CS  | DATE | 2/9/2018 |   |
| NEXT ASSY USED ON   |  | ENGR  |     | DATE |          | TITLE   |
| APPLICATION   |  | INFR  |     | DATE |          | <b>OUTLINE</b>  |
| THIRD ANGLE PROJECTION  |  | QA    |     | DATE |          | SIZE CAGE CODE DWG NO   |
|   |  | RELSE |     | DATE |          | <b>B 28812 21583-500</b>  |
|   |  |       |     |      |          | SCALE 1:2   |
|   |  |       |     |      |          | REV -   |
|   |  |       |     |      |          | SHEET 1 OF 1  |

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