

**PRODUCT DATA SHEET****WPM11320****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: 1.5 - 100 MHz  
Power: 1000 W CW

**Mechanical Specifications:**

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

**Connector Configurations:**

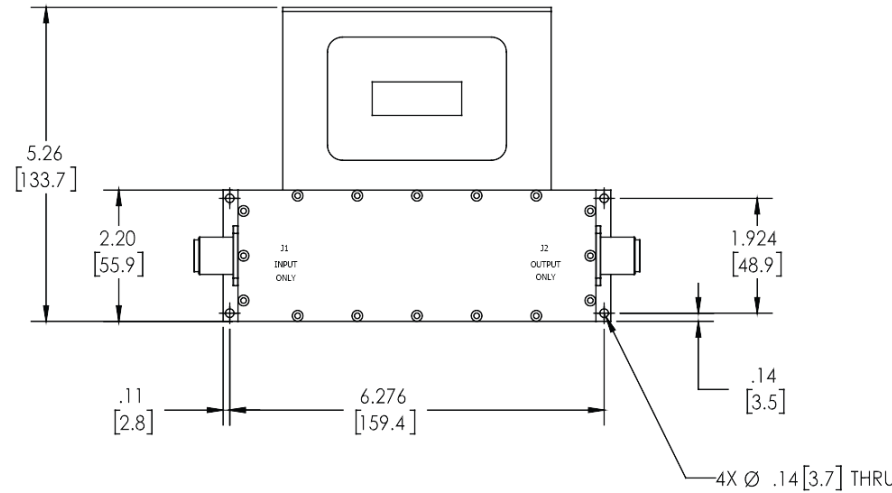
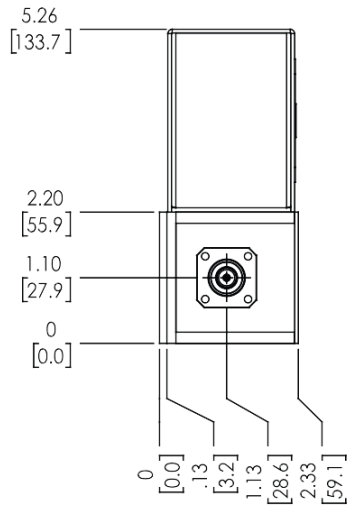
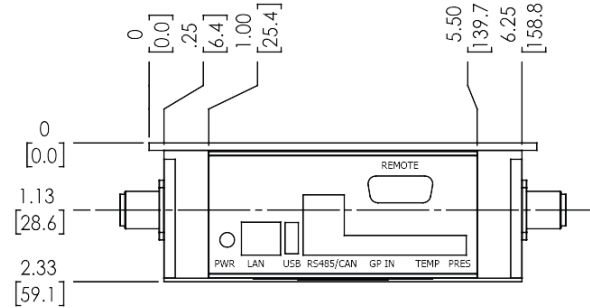
| Model        | Input(J1)   | Output(J2)  |
|--------------|-------------|-------------|
| WPM11320-12  | N Female    | N Female    |
| WPM11320-22  | 7/16 Female | 7/16 Female |
| WPM11320-712 | N Male      | N Female    |

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**REVISION HISTORY**

| REV. | REVISION RECORD | DATE       | APPROVED |
|------|-----------------|------------|----------|
| -    | INITIAL RELEASE | 10/15/2018 | CS       |



|  |  |             |            |  |  |
|--|--|-------------|------------|--|--|
| UNLESS OTHERWISE SPECIFIED                         |  | OWN         | DATE       | 17 Jon Barrett Rd<br>Patterson, NY 12563 |  |
| • INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100 |  | PLP         | 9/27/2018  | WERLATONE SINCE 1965                     |  |
| • DIMENSIONING PER ASME Y14.5M-2009                |  | CHK         | DATE       |  |  |
| • DIMENSIONAL UNITS ARE IN INCHES (mm)             |  | CS          | 10/15/2018 | TITLE                                    |  |
| • DIMENSIONAL UNITS APPLY BEFORE PROCESSES         |  | ENGR        | DATE       | SIZE CAGE CODE DWG NO                    |  |
| • TOLERANCES:                                      |  | RFGR        | DATE       |  |  |
| ANGLES: 8° ± 1°                                    |  | QA          | DATE       | B 28812 21649-500                        |  |
| 2 PL ± .015 (± .4)                                 |  | RLSE        | DATE       |  |  |
| • REMOVE ALL BURRS AND SHARP EDGES R.01 MAX        |  | SCALE       |            | 1:2                                      |  |
| • CONCENTRICITY MACHINED DIA: .002 FIM             |  | SHEET       |            | 1 OF 1                                   |  |
| • MACHINE TOOL MESH/TOOL .003 MAX                  |  | APPLICATION |            | WPM11320 USED ON                         |  |
| THIRD ANGLE PROJECTION                             |  | NEXT ASSY   |            | REV                                      |  |

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