Model WPM11320
Coaxial Power Meters

**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:** • ± 2% to Customer Calibration Standard, at preselected frequencies. • ± 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°C to +75°C |
| Storage Temperature: | -60°C to +85°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 |


Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com

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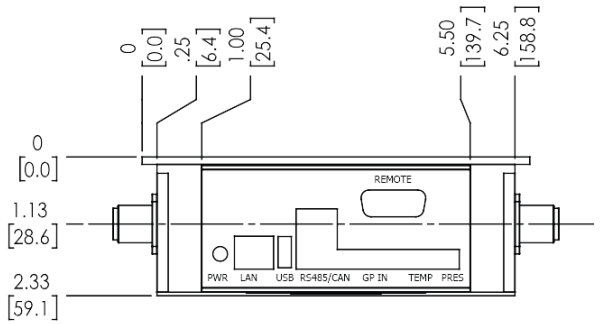
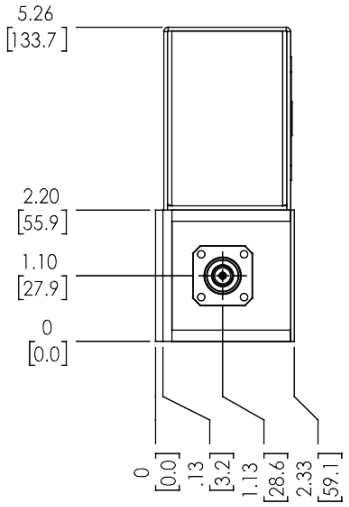
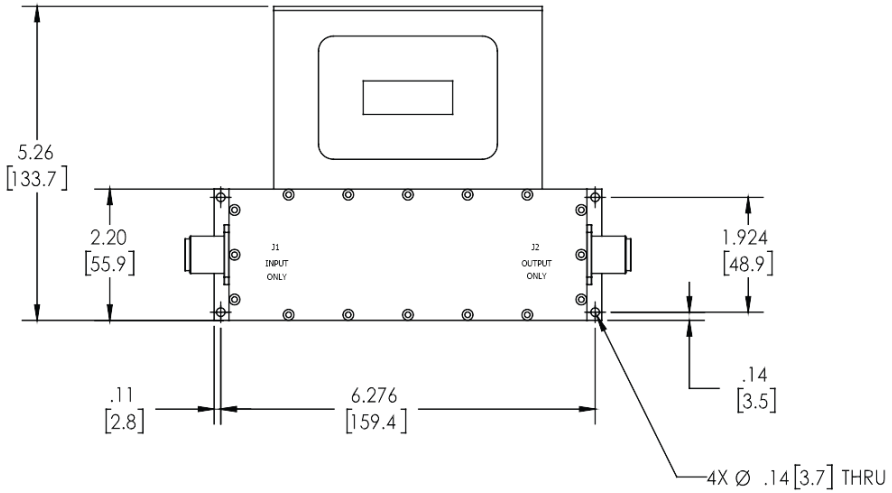
| REVISION HISTORY | | | |
|---|---|---|---|
| REV. | REVISION RECORD | DATE | APPROVED |
| - | INITIAL RELEASE | 10/15/2018 | CS |

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|---|---|
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| | WPM11320 |
| NEXT ASSY | USED ON |
| APPLICATION | |

UNLESS OTHERWISE SPECIFIED
- INTERPRET DRAWING IAW MIL-STD-100
- DIMENSIONING PER ASME Y14.5M-2009
- PARENTHETICAL INFO FOR REF ONLY
- DIMENSIONS ARE IN INCHES [mm]
- DIMENSIONAL LIMITS APPLY BEFORE PROCESSES
- TOLERANCES:
  ANGLES ± 2°
  2 PL ± .005 [.13]
  2 PL ± .015 [.4]
- REMOVE ALL BURRS AND SHARP EDGES R.01 MAX
- CONCENTRICITY MACHINED DIA: .002 FIM
- MACHINE TOOL MISMATCH .003 MAX

THIRD ANGLE PROJECTION

| | | DATE |
|---|---|---|
| DWN | PLP | 9/27/2018 |
| CHK | CS | 10/15/2018 |
| ENGR | | |
| MFGR | | |
| QA | | |
| RLSE | | |

WERLATONE SINCE 1965
17 Jon Barrett Rd
Patterson, NY 12563

TITLE

| SIZE | CAGE CODE | DWG NO | REV |
|---|---|---|---|
| B | 28812 | 21649-500 | - |

SCALE 1:2 SHEET 1 OF 1