WERLATONE

Model WPM11340
Coaxial Power Meters

**PRODUCT DATA SHEET** **WPM11340**

### 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: | 20 - 1000 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:

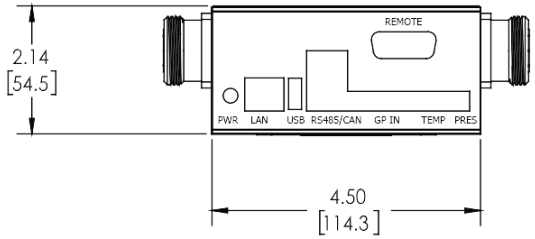
| Model | Input(J1) | Output(J2) |
|---|---|---|
| WPM11340-12 | N Female | N Female |
| WPM11340-22 | 7/16 Female | 7/16 Female |
| WPM11340-622 | 7/16 Female | 7/16 Male |
| WPM11340-728 | 7/16 Male | 7/16 Female |

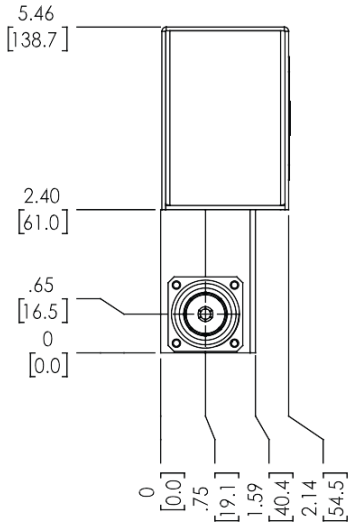
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Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com

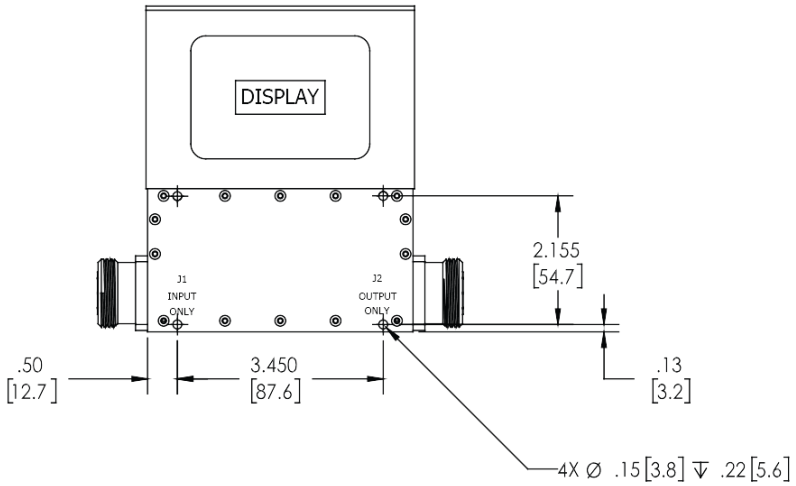
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| REVISION HISTORY | | | |
|---|---|---|---|
| REV. | REVISION RECORD | DATE | APPROVED |
| - | INITIAL RELEASE | 10/15/2018 | CS |




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|---|---|
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| | |
| | WPM11340 |
| 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 | 21656-500 | - |

SCALE 1:2 SHEET 1 OF 1

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