WERLATONE

Model WPM11346
Coaxial Power Meters




**PRODUCT DATA SHEET** **WPM11346**

### 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 (saftey 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: | 80 - 1000 MHz |
| Power: | 200 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) |
|---|---|---|
| WPM11346-12 | N Female | N Female |
| WPM11346-612 | N Female | N Male |
| WPM11346-712 | N Male | N Female |

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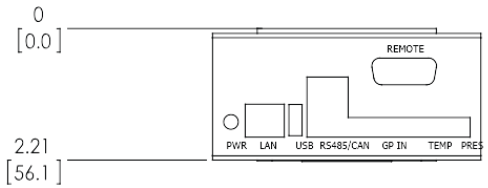
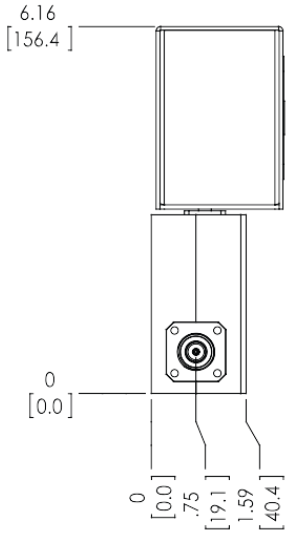
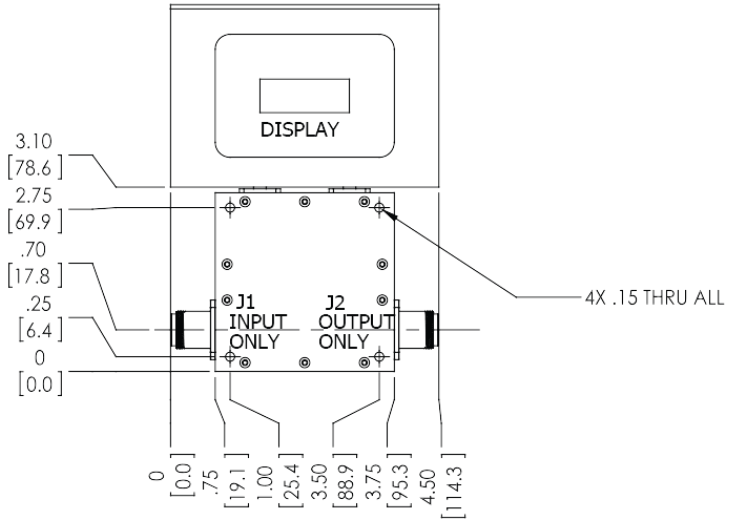
| REVISION HISTORY | | | |
|---|---|---|---|
| REV. | REVISION RECORD | DATE | APPROVED |
| - | INITIAL RELEASE | 8 11 2017 | CS |

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|---|---|---|---|---|---|---|---|
| | | UNLESS OTHERWISE SPECIFIED | DWN | PLP | DATE 8/10/2017 | WERLATONE SINCE 1965 | 17 Jon Barrett Rd Patterson, NY 12563 |
| | | • 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° 3 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 | CHK | CS | DATE 8/10/2017 | TITLE | |
| | | | ENGR | | DATE | | |
| | | | MFGR | | DATE | | |
| | WPM11072 | | QA | | DATE | SIZE B / CAGE CODE 28812 / DWG NO 21511-503 | REV - |
| NEXT ASSY | USED ON | | RLSE | | DATE | SCALE 1:2 | SHEET 1 OF 1 |
| APPLICATION | | THIRD ANGLE PROJECTION | | | | | |

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