



**PRODUCT DATA SHEET**

**WPM11678**

**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: 50 - 500 MHz  
 Power: 100 W CW

**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:**

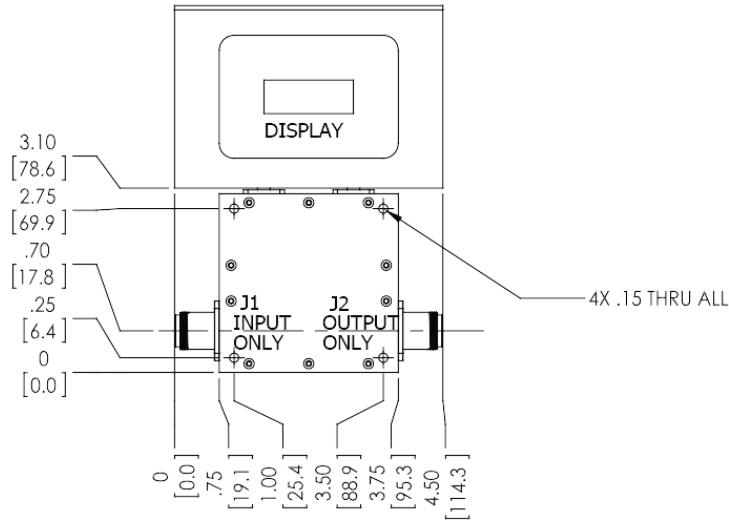
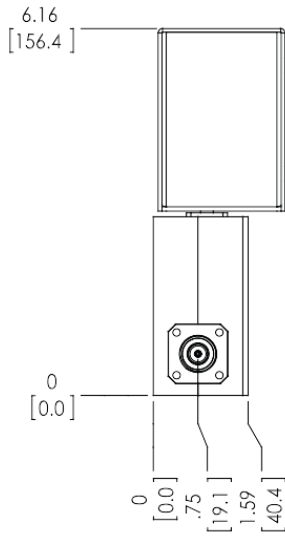
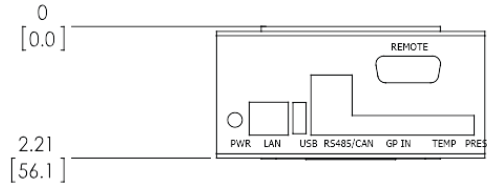
Type: Connectorized  
 Operating Temperature: -55°C to +75°C  
 Storage Temperature: -60°C to +85°C

**Connector Configurations:**

Model	Input(J1)	Output(J2)
WPM11678-12	N Female	N Female
WPM11678-612	N Female	N Male
WPM11678-712	N Male	N Female

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



UNLESS OTHERWISE SPECIFIED		OWN	DATE	WERLATONE SINCE 1965 17 Jon Barrett Rd Patterson, NY 12563
<ul style="list-style-type: none"> <li>• INTERPRET DRAWING DAW MR-STD-100</li> <li>• DIMENSIONING PER ASME Y14.5M-2009</li> <li>• PRESENTATIONAL DIMS FOR REF ONLY</li> <li>• DIMENSIONS ARE IN INCHES (mm)</li> <li>• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES</li> <li>• TOLERANCES:               <ul style="list-style-type: none"> <li>ANGLES ± 2°</li> <li>3 PL ± .005 (L13)</li> <li>2 PL ± .015 (L 4)</li> </ul> </li> <li>• REMOVE ALL BURS AND SHARP EDGES R.61 MAX</li> <li>• CONCENTRICITY RACHINED DIA: .002 FIM</li> <li>• FINISH: TOOL FINISH .003 MAX</li> </ul>		PLP	8/10/2017	
WPM11072		CHK	DATE	TITLE
NEXT ASSY USED ON		CS	8/10/2017	
APPLICATION		ENGR	DATE	SIZE CAGE CODE DWG NO
THIRD ANGLE PROJECTION		MFG	DATE	B 28812 21511-503
		QA	DATE	REV
		RLSE	DATE	-
		SCALE		SHEET 1 OF 1
		1:2		

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