



PRODUCT DATA SHEET

WPM11510

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: 500 - 2500 MHz
Power: 100 W CW

Mechanical Specifications:

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




Connector Configurations:

Model	Input(J1)	Output(J2)
WPM11510-12	N Female	N Female
WPM11510-22	7/16 Female	7/16 Female
WPM11510-612	N Female	N Male
WPM11510-712	N Male	N Female

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

UNLESS OTHERWISE SPECIFIED * INTERPRET DRAWING IN ACC. WITH STD 360 * DIMENSIONS PER ASME Y14.5-2009 * PRACTICAL TOL. SHOS FOR SIZE ONLY * DIMENSIONS ARE IN INCHES (mm) * DIMENSIONAL LIMITS APPLY BEFORE FINISHES * TOLERANCES: ANGLES ± 2° 2 PL ± .005 (13) 3 PL ± .015 (4) * REMOVE ALL BURRS AND SHARP EDGES R.01 MIN * CONSTRUCTIVITY MACHINED SURF. AND FIN * MACHINE TOOL REFERENCE AND TAG		OWN	DATE	 WERLATA SINCE 1965	17 Jon Barnett Rd Patterson, NY 12556
		PLP	8/10/2017		
NEXT ASSY USED ON APPLICATION	THIRD ANGLE PROJECTION 	CHK	DATE	TITLE	R.
		CS	8/10/2017		
WPM11072	RFLSE	ENGR	DATE	SIZE B 28812	DWG NO 21511-503
		MPGR	DATE		
APPLICATION	THIRD ANGLE PROJECTION 	QA	DATE	SCALE 1:2	SHEET 1 OF 1
		RLSE	DATE		

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