WERLATONE

Model WPM11490
Coaxial Power Meters



PRODUCT DATA SHEET **WPM11490**

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:	10 - 127 MHz
Power:	20,000 W CW

Mechanical Specifications:

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

Calibrated to Exact Frequencies:

12.882 MHz	13.56 MHz	14.238 MHz
57.0 MHz	60.0 MHz	63.00 MHz
127.00 MHz		

Connector Configurations:

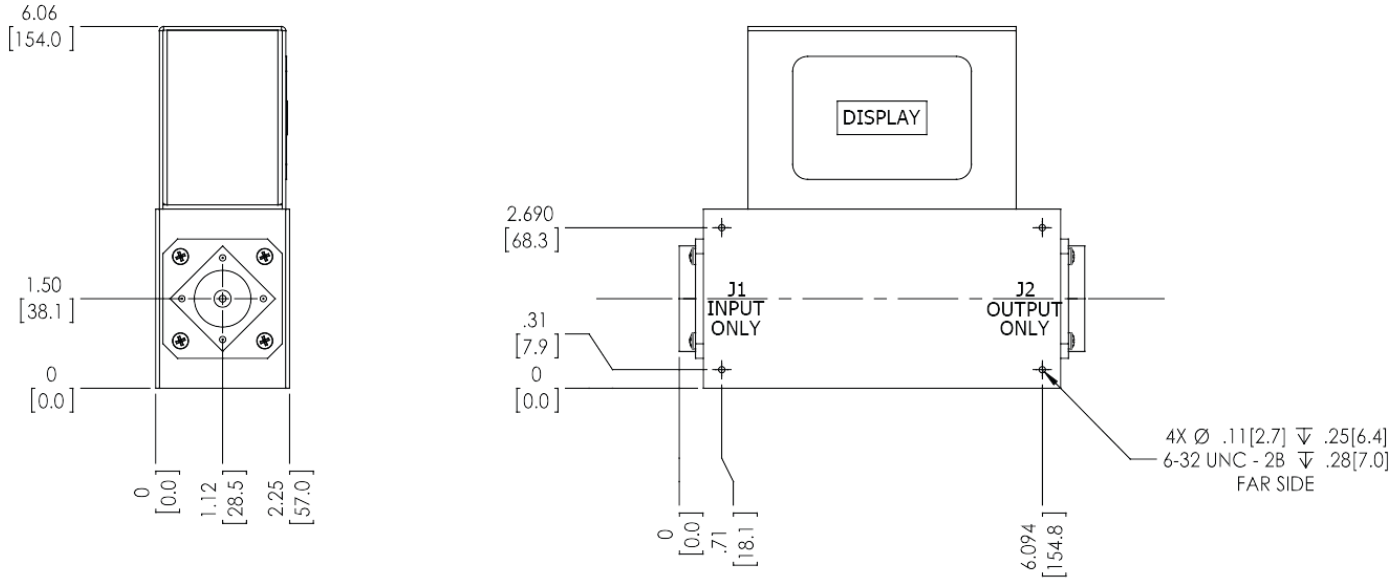
Model	Input(J1)	Output(J2)
WPM11490-502	SQS Female	SQS Female
WPM11490-7502	SQS Male	SQS Female
WPM11490-QC-2	QC Block	QC Block

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REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	2/12/2018	CS



		UNLESS OTHERWISE SPECIFIED	DWN PLP	DATE 2/9/2018	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 2/9/2018	TITLE: OUTLINE
			ENGR	DATE	
			MFGR	DATE	SIZE B | CAGE CODE 28812 | DWG NO 21583-500 | REV -
			QA	DATE	
	WPM11416		RLSE	DATE	SCALE 1:2 | SHEET 1 OF 1
NEXT ASSY	USED ON	THIRD ANGLE PROJECTION			
APPLICATION					

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