WERLATONE

Model WPM11505
Coaxial Power Meters

PRODUCT DATA SHEET **WPM11505**

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:	800 - 2500 MHz
Power:	1500 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)
WPM11505-22	7/16 Female	7/16 Female
WPM11505-63	HN Female	HN Female

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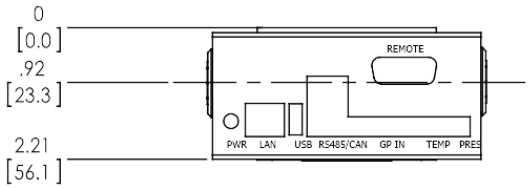
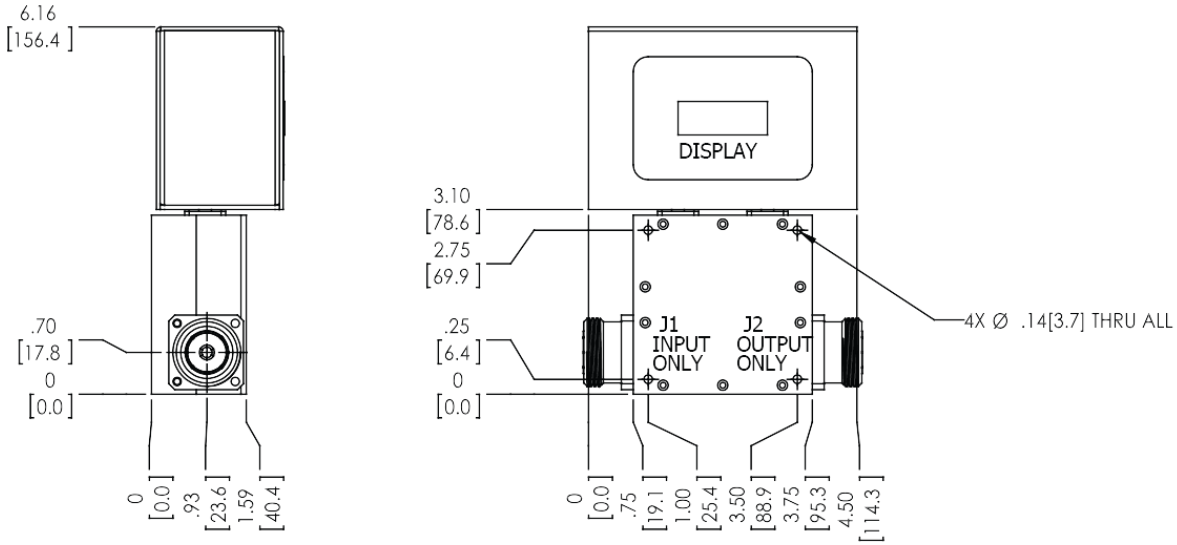
REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
	PRE-RELEASE		





		UNLESS OTHERWISE SPECIFIED	DWN	DATE	WERLATONE SINCE 1965	17 Jon Barrett Rd Patterson, NY 12563
		• INTERPRET DRAWING PER MIL-STD-100	PLP	3/28/2017		
		• DIMENSIONING PER ASME Y14.5M-2009	CHK	DATE	TITLE	
		• PARENTHETICAL INFO FOR REF ONLY	ENGR	DATE		
		• DIMENSIONS ARE IN INCHES [mm]	MFGR	DATE		
		• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES	QA	DATE	SIZE / CAGE CODE / DWG NO / REV	
		• TOLERANCES: ANGLES ± 2° 2 PL ± .005 [.13] 2 PL ± .015 [.4]			B / 28812 / 21511-501 / P0	
		• REMOVE ALL BURRS AND SHARP EDGES R.01 MAX	RLSE	DATE	SCALE 1:2	SHEET 1 OF 1
		• CONCENTRICITY MACHINED DIA .002 FIM				
		• MACHINE TOOL MISMATCH .003 MAX				
	TBD					
NEXT ASSY	USED ON					
APPLICATION		THIRD ANGLE PROJECTION				

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