WERLATONE

Model WPM11678
Coaxial Power Meters



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 (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:	50 - 500 MHz
Power:	100 W CW

Mechanical Specifications:

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

Connector Configurations:

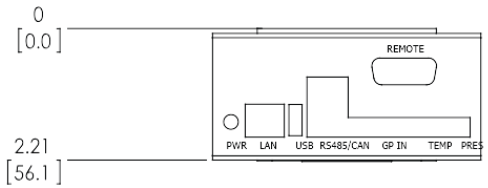
Model	Input(J1)	Output(J2)
WPM11678-12	N Female	N Female
WPM11678-612	N Female	N Male
WPM11678-712	N Male	N Female

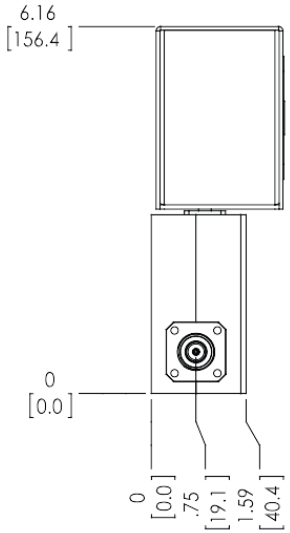
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Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com

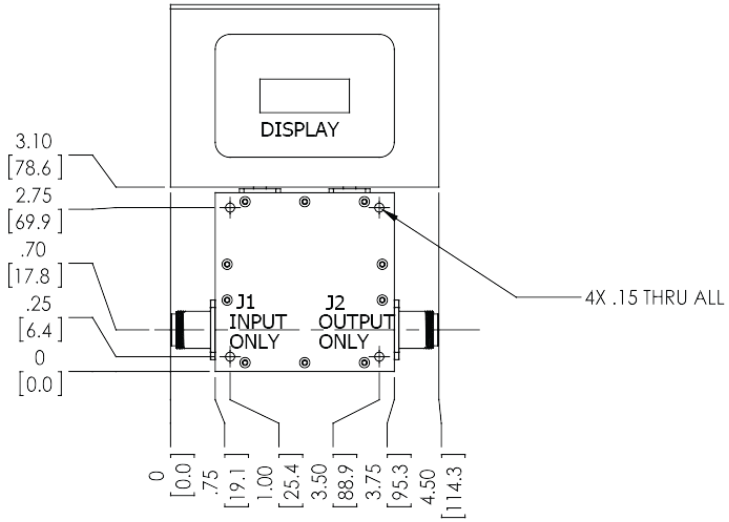
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REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	8 11 2017	CS







		UNLESS OTHERWISE SPECIFIED	DWN	DATE	WERLATONE SINCE 1965	17 Jon Barrett Rd Patterson, NY 12563	
		• INTERPRET DRAWING IAW MIL-STD-100	PLP	8/10/2017			
		• DIMENSIONING PER ASME Y14.5M-2009	CHK	DATE	TITLE		
		• PARENTHETICAL INFO FOR REF ONLY	CS	8/10/2017			
		• DIMENSIONS ARE IN INCHES [mm]	ENGR	DATE			
		• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES					
		• TOLERANCES:	MFGR	DATE			
		ANGLES ± 2°					
		3 PL ± .005 [.13]	QA	DATE	SIZE	CAGE CODE	DWG NO / REV
		2 PL ± .015 [.4]			B	28812	21511-503 / -
		• REMOVE ALL BURRS AND SHARP EDGES R.01 MAX					
		• CONCENTRICITY MACHINED DIA: .002 FIM					
		• MACHINE TOOL MISMATCH .003 MAX					
	WPM11072		PLSE	DATE	SCALE		
NEXT ASSY	USED ON				1:2		SHEET 1 OF 1
APPLICATION		THIRD ANGLE PROJECTION					

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