WERLATONE

Model WPM11386
Coaxial Power Meters



PRODUCT DATA SHEET **WPM11386**

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:	2 - 50 MHz
Power:	25,000 W CW

Mechanical Specifications:

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

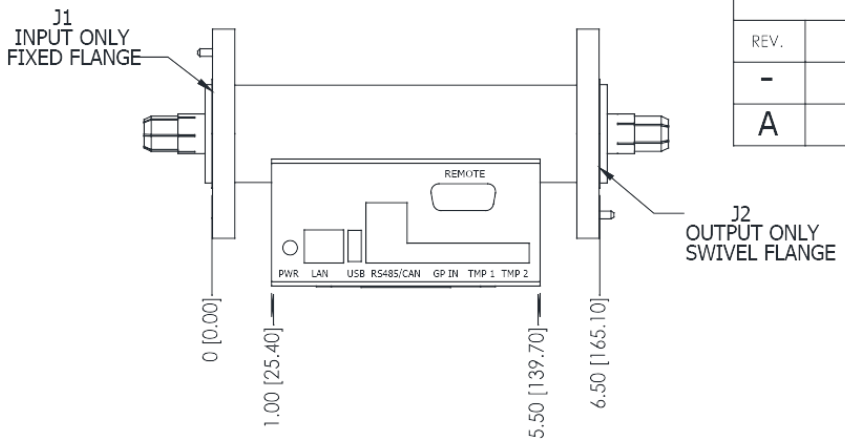
Connector Configurations:

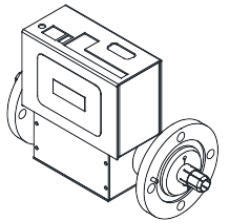
Model	Input(J1)	Output(J2)
WPM11386-83	1 5/8" EIA	1 5/8" EIA

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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

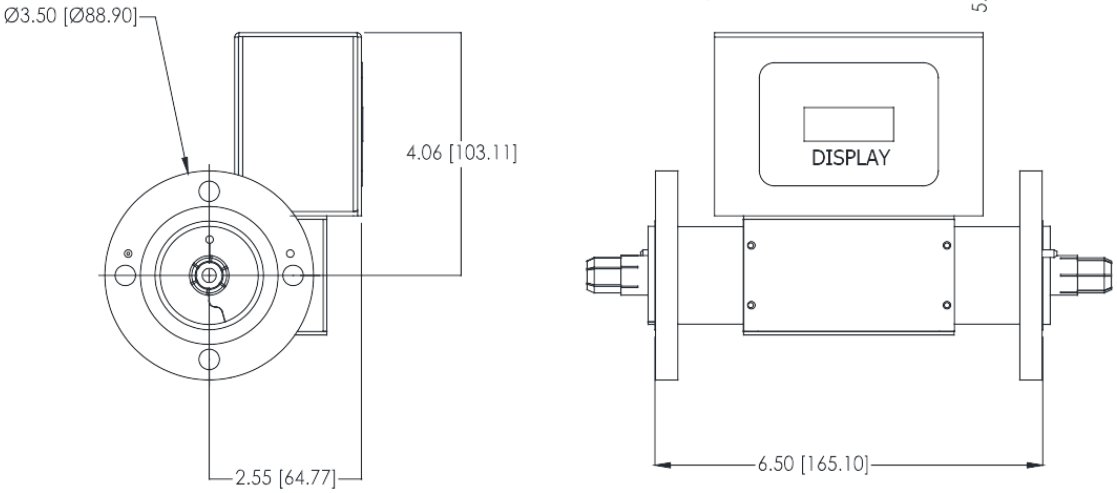
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REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	7/6/2020	CS
A	ECN 9965	9/29/2020	CS





VIEW FOR REFERENCE ONLY



NOTES: UNLESS OTHERWISE SPECIFIED
1. CONNECTORS: J1-J2 1 5/8 (EIA)

	WPM11073
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
- INTERPRET DRAWING PER 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

THIRD ANGLE PROJECTION

DWN	PLP	7/24/2015
CHK	CS	7/6/2020
ENGR		
MFGR		
QA		
RLSE		

WERLATONE SINCE 1965
17 Jon Barrett Rd
Patterson, NY 12563

TITLE: OUTLINE

SIZE	CAGE CODE	DWG NO	REV
B	28812	21340-505	A

SCALE 1:2 SHEET 1 OF 1

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