



## PRODUCT DATA SHEET

WPM11714

### 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: 2 - 45 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)
WPM11714-93	3 1/8" EIA	3 1/8" EIA

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# REVISION HISTORY

REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	7/24/2015	CS
A	ECN 9654	9/7/2018	CS

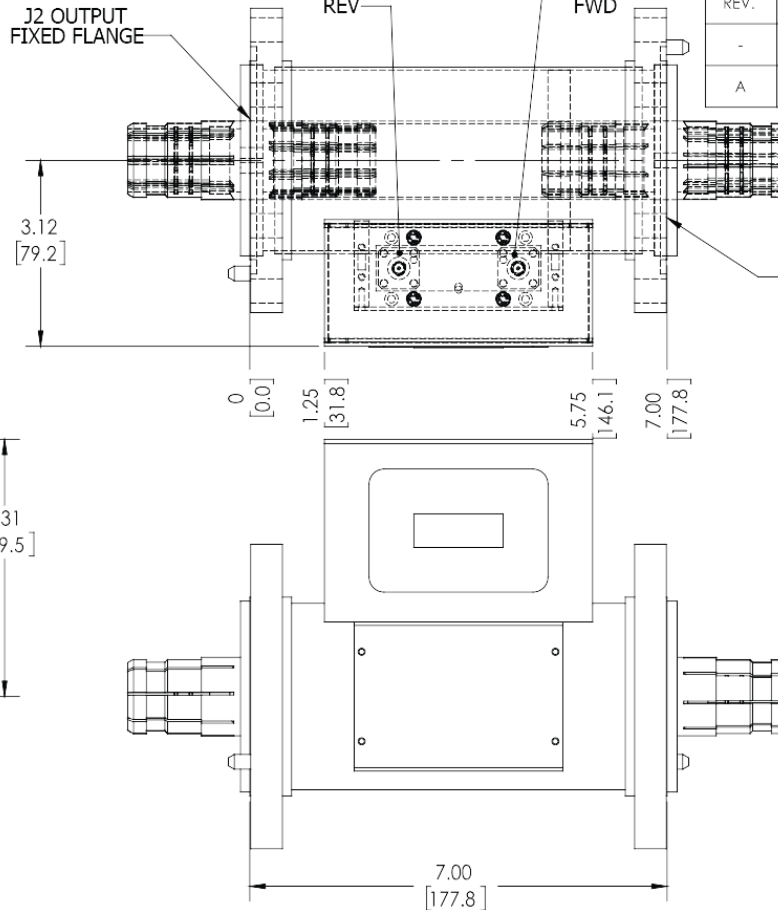
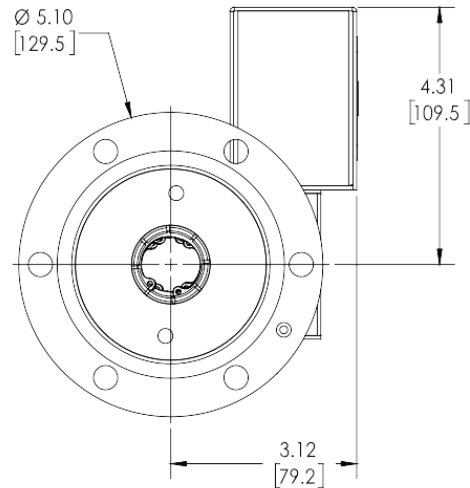
J2 OUTPUT  
FIXED FLANGE

J4  
REV

J3  
FWD

J1, INPUT  
SWIVEL FLANGE

VIEW FOR REFERENCE ONLY



## NOTES: UNLESS OTHERWISE SPECIFIED

- MAT'L: CUSTOM 3 1/8 EIA TRANSMISSION LINE SECTION WITH CAPTIVATED MAINLINE
- CONNECTORS: J1- J2: 3 1/8 (FEMALE)  
J3- J4: SMA (FEMALE)
- DEBURR AND BREAK ALL SHARP EDGES

		UNLESS OTHERWISE SPECIFIED		DWN	DATE	17 Jon Barrett Rd Patterson, NY 12563	
		• INTERPRET DRAWING (AWI 570-100)		PLP	7/24/2015	W WERLATONE SINCE 1965	
		• DIMENSIONS PER ASME Y14.39-2009		CHK	DATE		
		• PARENTHERICAL INFO FOR REF ONLY		CS	DATE	TITLE	
		• DIMENSIONS ARE IN INCHES (mm)		ENGR	DATE		
		• DIMENSIONAL LIMITS APPLY BEFORE PROCESSES		MPGR	DATE	OUTLINE	
		• TOLERANCES:		QA	DATE		
		ANGLES ± 2°		RLSE	DATE	CAGE CODE	
		3 PL. ± .005 (1.3)		DAWG NO			
		2 PL. ± .015 (1.4)		21340-501			
		• REMOVE ALL BURRS AND SHARP EDGES 0.01 MAX		REV			
		• CONCENTRICITY MAXIMUM DIA. .002 FIM					
		• FINISH TOOL FINISH: .003 MAX		A			
WPM11514		THIRD ANGLE PROJECTION		SCALE			
NEXT ASSY USED ON				1:4			
APPLICATION				SHEET 1 OF 1			

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