



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:

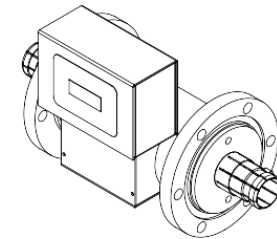
Type: Connectorized
Operating Temperature: -55°C to +75°C
Storage Temperature: -60°C to +85°C

Connector Configurations:

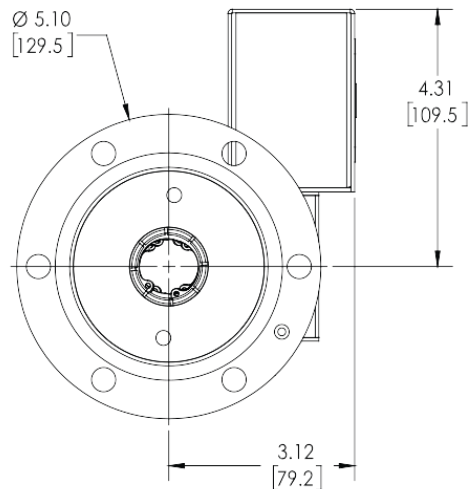
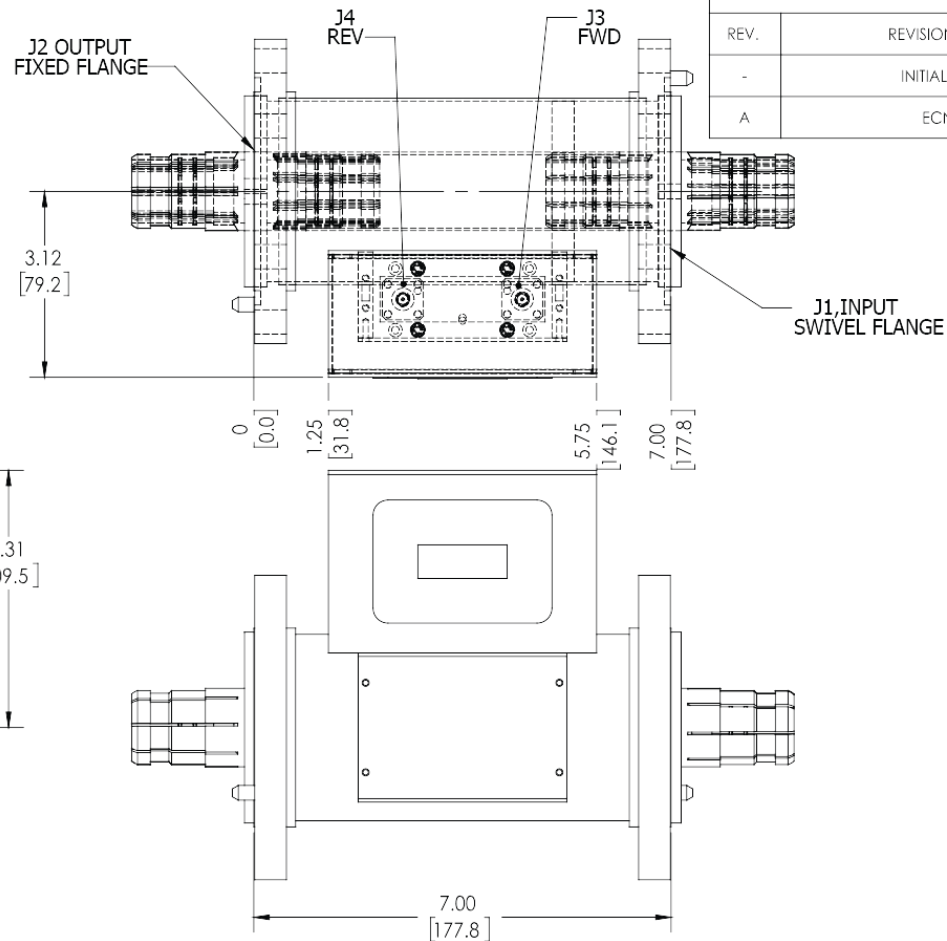
Model	Input(J1)	Output(J2)
WPM11714-93	3 1/8" EIA	3 1/8" EIA

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




VIEW FOR REFERENCE ONLY



NOTES: UNLESS OTHERWISE SPECIFIED

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

		• UNLESS OTHERWISE SPECIFIED		DWN	DATE	 WERLATONS SINCE 1965	17 Jon Barrett Rd Patterson, NY 12563		
		• INTERPRET DRAWING DWG PBL STD-100		PLP	7/24/2015				
		• DIMENSIONS IN: RPT ASSY VCL 439-2009		CIR	DATE				
		• PARALLELICAL BIRD FOR REF ONLY		CS					
		• DIMENSIONS ARE IN INCHES (mm)		ENG	DATE				
		• DIMENSIONAL LIMITS APPLY BEFORE PROCESS TOLERANCES:		NFOR	DATE				
		ANGLES ± ° 3 PL ± .001 (.13) 2 PL ± .015 (.4)		QA	DATE	SCALE	CODE	DWG NO	REV
		• REMOVE ALL LABELS AND SHARP EDGES R.51 MAX		RLSE	DATE	B	28812	21340-501	A
		• CONCENTRICITY FACHNED DIA. .002 FPM							
		• MACHINE TOOL NEARNESS .003 MAX							
NEXT ASSY USED ON		APPLICATION		THIRD ANGLE PROJECTION		SHEET 1 OF 1			

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