WERLATONE

Model WPM11681
Coaxial Power Meters



PRODUCT DATA SHEET **WPM11681**

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 - 128 MHz
Power:	10,000 W CW

Mechanical Specifications:

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

Calibrated to Exact Frequencies:

2.0 MHz	13.56 MHz	27.2 MHz
60.0 MHz	127.12 MHz	

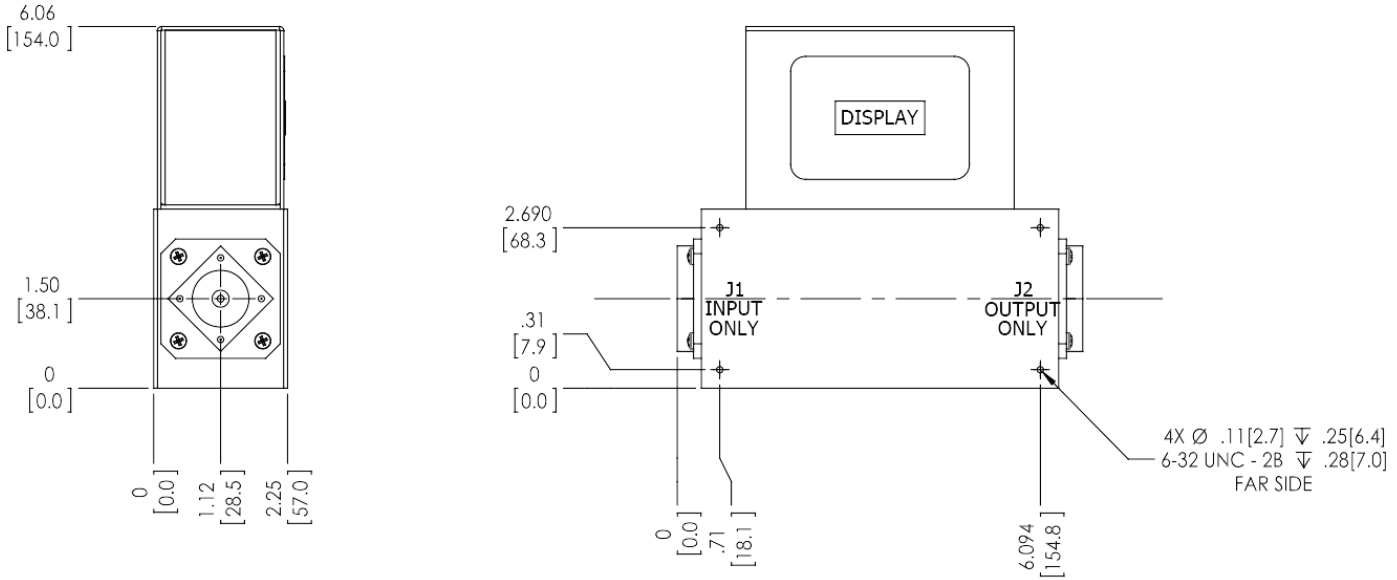
Connector Configurations:

Model	Input(J1)	Output(J2)
WPM11681-502	SQS Female	SQS Female
WPM11681-7502	SQS Male	SQS Female
WPM11681-QC-2	QC Block	QC Block

Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.
Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com

RESTRICTION ON USE, DUPLICATION OR DISCLOSURE OF PROPRIETARY INFORMATION
This document contains proprietary information which is the sole property of Werlatone, Inc.

REVISION HISTORY			
REV.	REVISION RECORD	DATE	APPROVED
-	INITIAL RELEASE	2/12/2018	CS



	WPM11416
NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED
- INTERPRET DRAWING IAW 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

		DATE
DWN	PLP	2/9/2018
CHK		DATE
	CS	2/9/2018
ENGR		DATE
MFGR		DATE
QA		DATE
RLSE		DATE

WERLATONE SINCE 1965
17 Jon Barrett Rd
Patterson, NY 12563

TITLE
OUTLINE

SIZE	CAGE CODE	DWG NO	REV
B	28812	21583-500	-

SCALE 1:2 SHEET 1 OF 1

Restriction on use, duplication, or disclosure of proprietary information. This document contains proprietary information which is the sole property of Werlatone, Inc.
Werlatone, Inc. 17 Jon Barrett Road Patterson, NY 12563 T:(845)278-2220 F:(845)278-3440 sales@werlatone.com www.werlatone.com