



**SPM**

**PRODUCT SPECIFICATIONS**

# SYSTEM RF POWER METER

## Introduction

The Anywave RF Power Meter provides peace of mind that your transmitter is operating within its forward and reflected power specifications and that the transmitter room temperature is correct. If any of these parameters drift out of specification, the power meter will proactively notify via SNMP traps, dry-loop contacts, or email (up to three persons) to inform you of the problem. The power meter also provides analog forward power metering for interfacing with legacy remote control systems.

## Key Features

- ✓ UHF, VHF Band I & III, and FM operation (specify with order)
- ✓ Multicarrier measurement
- ✓ 3.5" Color Display
- ✓ Proactive email alarm notification
- ✓ Provides SNMP traps and dry contact alarms
- ✓ User configurable Alarm Thresholds
- ✓ Analog forward power metering
- ✓ Temperature measurement
- ✓ Remote Monitoring Via SNMP and Web Server
- ✓ 19" Rack Mount available (optional)

# Specifications

## Inputs

- Forward power feedback sample (0 to +13dBm)  
Connector: BNC female 50  $\Omega$
- Reverse power feedback sample (0 to +13dBm)  
Connector: BNC female 50  $\Omega$

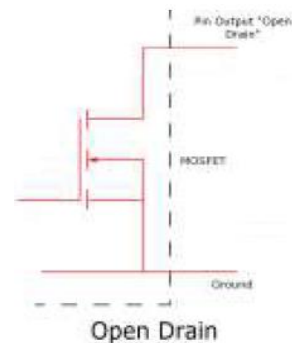
## Other

- Accuracy  $\pm 0.2$  dB
- Programmable Power Rating
- Operating Temperature -5 to 45  $^{\circ}\text{C}$
- AC Mains: 90 to 240 VAC, 50/60 Hz

## Outputs

- Network Connection for Monitoring, Configuration and Control, and SNMP and Email notification (default IP: 192.168.0.1) Connector: RJ-45
- 9-Pin Parallel I/O Sub D9- Male Connector, providing alarm and metering signals as defined in the table below.

Sub-D9 Male Connector	Signal	Description
Pin 5 & 6	GND	Ground pins
Pin 7	Forward Power Alarm	Forward power is < the threshold set (user configurable via web page) (open drain closed = alarm present)
Pin 3	Reflected Power Alarm	Forward power is > the threshold set (user configurable via web page) (open drain closed = alarm present)
Pin 8	Temperature Alarm	Temperature is > the threshold set (user configurable via web page) (open drain closed = alarm present)
Pin 9	Forward Power Meter (analog output voltage)	Analog voltage Pin 9 to Pin 5/6 (GND) 0-5V for 0-100% FWD pwr



**Cost Effective 100%**

**Reliable 100%**

**Scalable 100%**

**Dependable 100%**

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**www.anywavecom.net**

**Anywave Broadcast Inc**  
**Email:** sales@anywaveus.com  
**Phone:** +1 (847) 415 2258  
**Fax:** +1 (847) 415 2112

**Address:** 100 N Fairway Drive, Suite 130, Vernon Hills, IL 60061

**Website:** www.anywavecom.net

