

Features:

- Long Life Battery operation
- Broadband & Precise Frequency Mode
- Precise Amplitude Measurement
- Economical
- 95dB Dynamic Range
- Small & Rigid design
- Extended Mode with GUI

Description:

The RFPDV500-507 is a Broadband Low Frequency Power Detector which operates from 50 Hz to 500 MHz with the capability to measure the RF signal in decibel-scaled output. The input dynamic range is typically 95 dB (referenced to 50 Ω) with less than ±3 dB error. They are used in various communication test setups for accurate measurements. RFPDV500-507 is a portable, cost effective as well as fulfils all quality standards. Stability over temperature is ±0.5 dB.

Applications:

- Scientific equipment testing & manufacturing
- Power monitoring in radio link transmitters
- RSSI measurement in base stations.
- EMC Test laboratories
- Antenna development, testing & calibrate
- Testing of shielding effectiveness
- Equipment calibration

Standard Accessories:

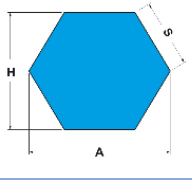
- SMA(M) to SMA(M) 50 Ohms cable 10"
- 5V Adaptor & type A to type B USB Cable



Electrical Specifications:

Frequency Range:	50 Hz to 500 MHz
Dynamic Range:	
50 Hz to 500 MHz	+15 to -80 dBm
Amplitude	
Broadband Mode	± 3 dB
Precise Mode	± 1.5 dB
Output Impedance:	50 Ohm
Peak Power Units	dBm, dBuV, dBVrms & dBVpk-pk
OLED Display :	27.0 X 11.5 mm (128 x 32)
Operating Temperature:	0 °C to 50 °C
Battery Operation :	8 Hour for single charge
Connector:	SMA Female
Power	0.3 Watt (Max.)

Mechanical Specifications:

Dimension(mm) :	(A) = 165.5 (H) = 143.3 (S) = 82.74	
Shape:	Hexagonal shape	
Weight:	500gm	

