

# PM-1

Broadband Power Meter



### Specifications:

Bandwidth	10-1000MHz	
Max RF input	2W (+33dBm)	CW measure
Min RF input	0,1mW (-10dBm)	CW measure
Input SWR	1,32 max	(10-3000MHz)
Accuracy	+0,2dB typ(0 to 33dBm); +0,4dB typ(-10 to 0dBm)	-10 to 60°C
Supply	9V battery	30mA
Autonomy	Up to 8h	(continuous)
Dimensions	84x59x31mm (3,3x2,3x1,2in)	(enclosure)
Weight	0,2kg (0,44lbs)	(w battery)

- Features:**
- ▶ 10-1000MHz bandwidth
  - ▶ 43dB of dynamic:  
-10dBm(0,1mW) to +33dBm(2W)
  - ▶ Displays power as mW or dBm
  - ▶ Relative mode to measure cable loss easily
  - ▶ External att/amp compensation to measure power above and under limits
  - ▶ Configurable alarm
  - ▶ Rugged aluminium enclosure
  - ▶ 9V battery powered

The PM-1 is a broadband RF power meter. It allows to measure RF power (CW) and display it as mW or dBm.

A relative mode helps you to measure insertion loss of passive devices or amplification of active ones.

With the relative mode you can measure insertion loss of coaxial cables, filters and also check gain of an amplifier.

Advanced users will appreciate compensation to allows measurement above 2W and under 0,01mW, monitor forward or reflected power (with optionnal coupler) and

threshold alarm with physical output(open collector) port to add a warning or switch amplifier.

The PM-1 robust construction, all aluminium case and high quality grade BNC is designed to last.

BSRF designs and produces products, tools for RF's professionnals.