



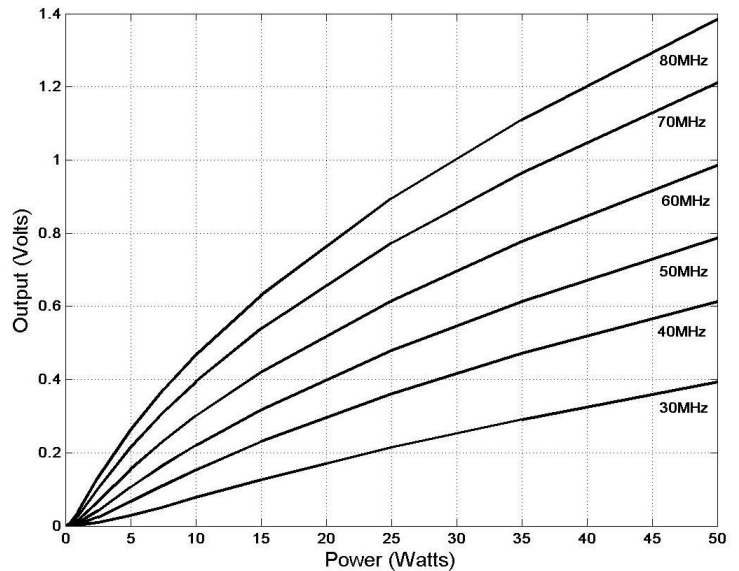
## Bidirectional RF Power Sensor • BPS1050/5095

The BPS Bidirectional RF Power Sensor can continuously monitor forward and reflected power by being permanently installed in the transmission line.

Each sensor has two internal trimmers for field calibration of the output voltages of both forward and reflected powers.

The sensor comes in two versions. Model BPS1050 operates from 30 MHz to 500 MHz and model BPS5095 operates from 500 MHz to 950 MHz.

These sensors are perfect complements for the Davicom units, and take advantage of their pre-programmed VSWR measurement function.

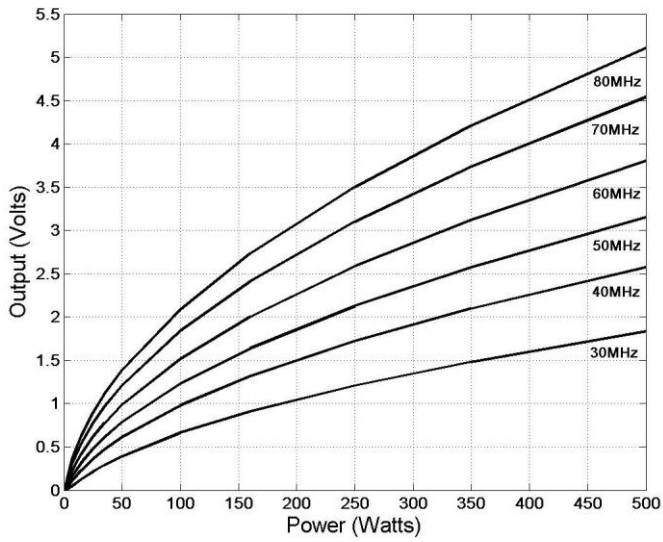


BPS1050 maximum output voltage curves from 30 to 80 MHz and up to 50 W.

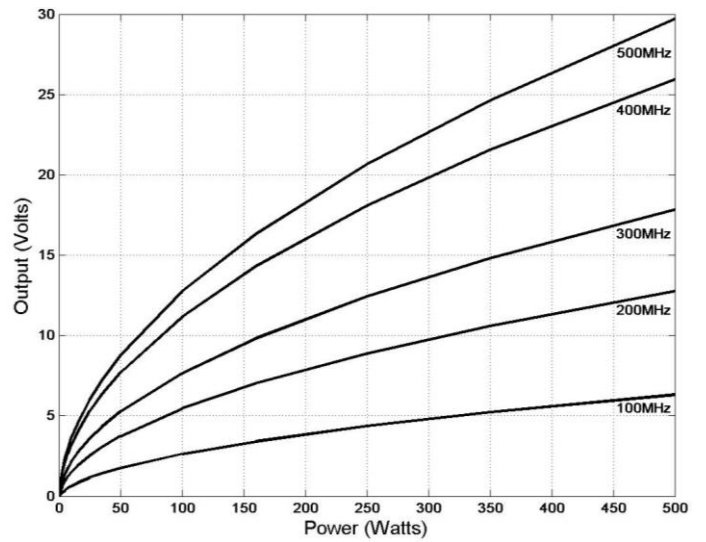
Electrical Specifications		
	BPS1050	BPS5095
Frequency Range	30 to 500 MHz *	500 to 950 MHz
Insertion Loss	0.1 dB	
Directivity	> 20 dB	
VSWR	1.1 : 1	
Output Voltages	0 to 10 VDC (typical) proportional to forward and reflected power	
Maximum RF Input Power (CW)	500 W or 1000 W (please specify)	
Connectors	RF Input & Output: "N" type female or male Output Voltages: Screw terminals	

\* Can also be used in the FM band (88-108MHz)

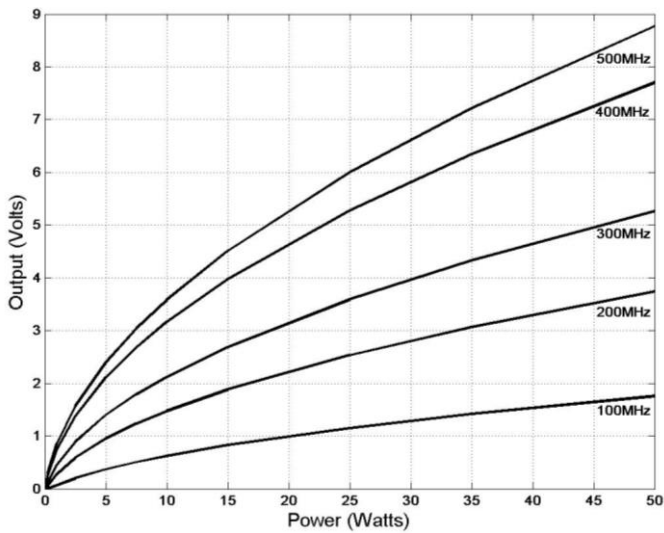
Mechanical specifications	
Dimensions	2 1/4 x 1 1/2 x 1 1/2 in (W x L x D)
Weight	less than 9 oz less than 250 g



BPS1050 maximum output voltage curves from 30 to 80 MHz and up to 500 W.



BPS1050 maximum output voltage curves from 100 to 500 MHz and up to 500 W.



BPS1050 maximum output voltage curves from 100 to 500 MHz and up to 50 W.