Boonton CW Sensors

Model Impedance RF Connector	**Frequency Range**	**Dynamic Range**[1]	**Overload Rating** Pulse / Continuous	**Maximum SWR**	
				Frequency	SWR
WIDE DYNAMIC RANGE DUAL DIODE SENSORS					
51075 50 ohm N (M)	500 kHz to 18 GHz	-70 to +20 dBm	1 W for 1µs 300 mW	500 kHz - 2 GHz 2 GHz - 6 GHz 6 GHz - 18 GHz	1.15 1.20 1.40
51077 50 ohm N (M)	500 kHz to 18 GHz	-60 to +30 dBm	10 W for 1µs 3 W	500 kHz - 2 GHz 2 GHz - 6 GHz 6 GHz - 18 GHz	1.15 1.20 1.40
51079 50 ohm N (M)	500 kHz to 18 GHz	-50 to +40 dBm	100 W for 1µs 25 W	500 kHz - 2 GHz 2 GHz - 6 GHz 6 GHz - 18 GHz	1.15 1.20 1.40
51071 50 ohm K (M)	10 MHz to 26.5 GHz	-70 to +20 dBm	1 W for 1µs 300 mW	10 MHz - 2 GHz 2 GHz - 4 GHz 4 GHz - 18 GHz 18 GHz - 26.5 GHz	1.15 1.20 1.45 1.50
51072 50 ohm K (M)	30 MHz to 40 GHz	-70 to +20 dBm	1 W for 1µs 300 mW	30 MHz - 4 GHz 4 GHz - 38 GHz 38 GHz - 40 GHz	1.25 1.65 2.00
THERMOCOUPLE SENSORS					
51100 (9E) 50 ohm N (M)	10 MHz to 18 GHz	-20 to +20 dBm	15 W for 1µs 300 mW	10 MHz - 30 MHZ 30 MHz - 16 GHz 16 GHz - 18 GHz	1.25 1.18 1.28
51101 50 ohm N (M)	100 kHz to 4.2 GHz	-20 to +20 dBm	15 W for 1µs 300 mW	100 kHz - 300 kHz 300 kHz - 2 GHz 2 GHz - 4.2 GHz	1.70 1.35 1.60
51102 50 ohm K (M)	30 MHz to 26.5 GHz	-20 to +20 dBm	15 W for 1µs 300 mW	30 MHz - 2 GHz 2 GHz - 18 GHz 18 GHz - 26.5 GHz	1.35 1.40 1.60
51200 50 ohm N (M)	10 MHz to 18 GHz	0 to +37 dBm	150 W for 1µs 10 W	10 MHz - 2 GHz 2 GHz - 12.4 GHz 12.4 GHz - 18 GHz	1.10 1.18 1.28
51201 50 ohm N (M)	100 kHz to 4.2 GHz	0 to +37 dBm	150 W for 1µs 10 W	100 kHz - 2 GHz 2 GHz - 4.2 GHz	1.10 1.18
51300 50 ohm N (M)	10 MHz to 18 GHz	0 to +44 dBm	150 W for 1µs 50 W	10 MHz - 2 GHz 2 GHz - 12.4 GHz 12.4 GHz - 18 GHz	1.10 1.18 1.28
51301 50 ohm N (M)	100 kHz to 4.2 GHz	0 to +44 dBm	150 W for 1µs 50 W	100 kHz - 2 GHz 2 GHz - 4.2 GHz	1.10 1.18
TRUE RMS POWER SENSORS					
51085 50 ohm N (M)	500 kHz to 18 GHz	-30 to +20 dBm	100 W for 1µs 2 W	500 kHz - 4 GHz 4 GHz - 12 GHz 12 GHz - 18 GHz	1.15 1.20 1.25

51086 50 ohm K (M)	500 kHz to 26.5 GHz	-30 to +20 dBm	N/A 1 W	500 kHz - 12 GHz 12 GHz - 18 GHz 18 GHz - 26.5 GHz	1.15 1.20 1.30
51087 50 ohm K (M)	500 kHz to 40 GHz	-30 to +20 dBm	N/A 1 W	500 kHz - 12 GHz 12 GHz - 18 GHz 18 GHz - 26.5 GHz 26.5 GHz - 40 GHz	1.15 1.20 1.30 1.40
SPECIAL PURPOSE DUAL DIODE SENSORS (1)					
51011 (EMC) 50 ohm N (M)	10 kHz to 8 GHz	-60 to +20 dBm	1 W for 1µs 300 mW	10 kHz - 2 GHz 2 GHz - 4 GHz 4 GHz - 8 GHz	1.12 1.20 1.40
51011 (4B) 50 ohm N (M)	100 kHz to 12.4 GHz	-60 to +20 dBm	1 W for 1µs 300 mW	100 kHz - 2 GHz 2 GHz - 4 GHz 4 GHz - 11 GHz 11 GHz - 12.4 GHz	1.12 1.20 1.40 1.60
51012 (4C) 75 ohm N (M)	100 kHz to 1 GHz	-60 to +20 dBm	1 W for 1µs 300 mW	100 kHz - 1 GHz	1.18
51013 (4E) 50 ohm N (M)	100 kHz to 18 GHz	-60 to +20 dBm	1 W for 1µs 300 mW	100 kHz - 4 GHz 4 GHz - 10 GHz 10 GHz - 18 GHz	1.30 1.50 1.70
51015 (5E) 50 ohm N (M)	100 kHz to 18 GHz	-50 to +30 dBm	10 W for 1µs 2 W	100 kHz - 1 GHz 1 GHz - 2 GHz 2 GHz - 4 GHz 4 GHz - 12.4 GHz 12.4 GHz - 18 GHz	1.07 1.10 1.12 1.18 1.28
51033 (6E) 50 ohm N (M)	100 kHz to 18 GHz	-40 to +33 dBm	10 W for 1µs 2 W	100 kHz - 1 GHz 1 GHz - 2 GHz 2 GHz - 4 GHz 4 GHz - 12.4 GHz 12.4 GHz - 18 GHz	1.07 1.10 1.12 1.18 1.28
51078 50 ohm N (M)	100 kHz to 18 GHz	-20 to +37 dBm	100 W for 1µs 7 W	100 kHz - 4 GHz 4 GHz - 12 GHz 12 GHz - 18 GHz	1.15 1.25 1.40