

Peak Power Meters

CW Sensors

RF Power Meters

Calibrators

RF Volt Meters

Capacitance Meters

Modulation Analyzers

VXI

Audio Analyzers

Peak Power Sensors

CW Sensors

Model	Frequency Range	Dynamic Range ¹	Overload Rating	Maximum SW
Impedance			Pulse /	Frequency
RF			Continuous	
Connector				
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
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
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
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
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
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
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
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
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
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
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
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
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
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
51087				
			N/A	500 kHz - 12 GHz 12 GHz - 18 GHz

50 ohm K (M)	500 kHz to 40 GHz	-30 to +20 dBm	1 W	18 GHz - 26.5 GHz 26.5 GHz - 40 GHz
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
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
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
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
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
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
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

¹Models 4731, 4732, 4231A, 4232A, 4300, 4531, 4532, 5231, 5232, 5731, 5732