

Model Impedance RF Connector	Frequency Range	Dynamic Range Models 4731, 4732, 4231A, 4232A, 4300, 4531, 4532, 5231, 5232, 5731, 5732	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 1 μ s 300 mW	500 kHz to 2 GHz 2 GHz to 6 GHz 6 GHz to 8 GHz	1.15 1.20 1.40
51077 50 ohm N (M)	500 kHz to 18 GHz	-60 to +30 dBm	10 W for 1 μ s 3 W	500 kHz to 2 GHz 2 GHz to 6 GHz 6 GHz to 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 1 μ s 25 W	500 kHz to 2 GHz 2 GHz to 6 GHz 6 GHz to 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 1 μ s 300 mW	10 MHz to 2 GHz 2 GHz to 4 GHz 4 GHz to 18 GHz 18 GHz to 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 1 μ s 300 mW	30 MHz to 4 GHz 4 GHz to 38 GHz 38 GHz to 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 1 μ s 300 mW	10 MHz to 30 MHz 30 MHz to 16 GHz 16 GHz to 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 1 μ s 300 mW	100 kHz to 300 kHz 300 kHz to 2 GHz 2 GHz to 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 1 μ s 300 mW	30 MHz to 2 GHz 2 GHz to 18 GHz 18 GHz to 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 1 μ s 10 W	10 MHz to 2 GHz 2 GHz to 12.4 GHz 12.4 GHz to 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 1 μ s 10 W	100 kHz to 2 GHz 2 GHz to 4.2 GHz	1.10 1.18
51300 50 ohm N (M)	10 MHz to 18 GHz	0 to +44 dBm	150 W for 1 μ s 50 W	10 MHz to 2 GHz 2 GHz to 12.4 GHz 12.4 GHz to 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 1 μ s 50 W	100 kHz to 2 GHz 2 GHz to 4.2 GHz	1.10 1.18
SPECIAL PURPOSE DUAL DIODE SENSORS (1)					
51011 (EMC) 50 ohm N (M)	10 kHz to 8 GHz	-60 to +20 dBm	1 W for 1 μ s 300 mW	10 kHz to 2 GHz 2 GHz to 4 GHz 4 GHz to 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 1 μ s 300 mW	100 kHz to 2 GHz 2 GHz to 4 GHz 4 GHz to 11 GHz 11 GHz to 12.4 GHz	1.12 1.20 1.40 1.60

Sensor Table

51012 (4C) 75 ohm N (M)	100 kHz to 1 GHz	-60 to +20 dBm	1 W for 1 μ s 300 mW	100kHz to 1GHz	1.18
51013 (4E) 50 ohm N (M)	100 kHz to 18 GHz	-60 to +20 dBm	1 W for 1 μ s 300 mW	100 kHz to 4 GHz 4 GHz to 10 GHz 10 GHz to 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 1 μ s 2 W	100 kHz to 1 GHz 1 GHz to 2 GHz 2 GHz to 4 GHz 4 GHz to 12.4 GHz 12.4 GHz to 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 1 μ s 2 W	100 kHz to 1 GHz 1 GHz to 2 GHz 2 GHz to 4 GHz 4 GHz to 12.4 GHz 12.4 GHz to 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 1 μ s 7 W	100 kHz to 4 GHz 4 GHz to 12 GHz 12 GHz to 18 GHz	1.15 1.25 1.40