

## Typical Peak Power Ratings for Bird Oil & Water-cooled Loads

*Note: Duty factor should be such that the average power rating of the load is never exceeded.*

Models	Average Power	Pulse Width (microseconds)					Frequency Range	VSWR
		1 $\mu$	10 $\mu$	100 $\mu$	1000 $\mu$	5000 $\mu$		
<b>Oil-cooled Loads</b>								
8135	150 W	10 kW	8 kW	5.75 kW	3.5 kW	2 kW	DC to 1 GHz 1 to 2 GHz 2 to 4 GHz	1.1:1 1.2:1 1.3:1
8201	500 W	200 kW	150 kW	105 kW	57 kW	25 kW	DC to 1 GHz 1 to 2.5 GHz	1.1:1 1.25:1
8251	1000 W	200 kW	150 kW	105 kW	57 kW	25 kW	DC to 1 GHz 1 to 2 GHz 2 to 2.4 GHz	1.1:1 1.25:1 1.3:1
8890 series	2500 W	150 kW	115 kW	80 kW	54 kW	22 kW	DC to 1 GHz 1 to 2 GHz 2 to 2.4 GHz	1.1:1 1.25:1 1.3:1
8920 series	5000 W	150 kW	115 kW	80 kW	54 kW	22 kW	DC to 1 GHz	1.1:1
8930 series	10,000 W	150 kW	120 kW	85 kW	55 kW	30 kW	DC to 400 MHz 400 MHz to 1 GHz	1.15:1 1.2:1
<b>Water-cooled Loads</b>								
8730 series	10 kW	100 kW	77 kW	56 kW	32 kW	16 kW	DC to 1 GHz	1.1:1
8740 series	20 kW	250 kW	190 kW	135 kW	75 kW	35 kW	1 kHz to 900 MHz	1.1:1
8750 series	30 kW	250 kW	190 kW	135 kW	75 kW	40 kW	1 kHz to 900 MHz	1.1:1
8760 series	40 kW	250 kW	197 kW	145 kW	90 kW	55 kW	1 kHz to 900 MHz	1.1:1
8770 series	50 kW	250 kW	197 kW	145 kW	97 kW	65 kW	1 kHz to 900 MHz	1.1:1
8790 series	80 kW	250 kW	210 kW	170 kW	130 kW	100 kW	1 kHz to 800 MHz	1.15:1