

Directional Thruline® Power Sensors

5014

DPM ELEMENT SELECTION GUIDE

FREQUENCY RANGE	FORWARD POWER RANGE	REFLECTED POWER RANGE	FORWARD ELEMENT	REFLECTED ELEMENT
25 to 60 MHz	1.25 to 50 W 12.5 to 500 W	125 mW to 5 W 1.25 to 50 W	DPM-50A DPM-500A	DPM-5A DPM-50A
50 to 125 MHz	1.25 to 50 W 12.5 to 500 W 25 to 1.0 kW	125 mW to 5 W 1.25 to 50 W 25 to 100 W	DPM-50B DPM-500B DPM-1000B	DPM-5B DPM-50B DPM-100B
100 to 250 MHz	1.25 to 50 W 12.5 to 500 W 62.5 to 2.5 kW	125 mW to 5 W 1.25 to 50 W 6.25 to 250 W	DPM-50C DPM-500C DPM-2500C	DPM-5C DPM-50C DPM-250C
200 to 500 MHz	125 mW to 5 W 1.25 to 50 W 12.5 to 500 W	12.5 mW to 500 mW 125 mW to 5 W 1.25 to 50 W	DPM-5D DPM-50D DPM-500D	DPM-5D DPM-5D DPM-50D
400 to 800 MHz	125 mW to 5 W 1.25 W to 50 W 2.5 W to 100 W 12.5 W to 500 W 25 W to 1 kW	12.5 mW to 500 mW 125 mW to 5 W 250 mW to 10 W 1.25 W to 50 W 2.5 W to 100 W	DPM-5E-400 DPM-50E-400 DPM-100E-400 DPM-500E-400 DPM-1000E-400	DPM-5E-400 DPM-5E-400 DPM-10E-400 DPM-50E-400 DPM-100E-400
800 to 1000 MHz	125 mW to 5 W 1.25 W to 50 W 2.5 W to 100 W 12.5 W to 500 W 25 W to 1 kW	12.5 mW to 500 mW 125 mW to 5 W 250 mW to 10 W 1.25 W to 50 W 2.5 W to 100 W	DPM-5E-800 DPM-50E-800 DPM-100E-800 DPM-500E-800 DPM-1000E-800	DPM-5E-800 DPM-5E-800 DPM-10E-800 DPM-50E-800 DPM-100E-800

Note: Elements must be chosen from the same series and the forward and reflected elements chosen in a 10:1 power ratio

APM ELEMENT SELECTION GUIDE

POWER RANGE	FREQUENCY BANDS (MHz)						
	2 to 30	25 to 60	500 to 125	100 to 250	200 to 500	400 to 800	800 to 960
1 W	—	—	APM-1B	APM-1C	—	APM-1E-400	APM-1E-800
2.5 W	—	—	APM-2.5B	—	APM-2.5D	APM-2.5E-400	APM-2.5E-800
5 W	APM-5H	APM-5A	APM-5B	APM-5C	APM-5D	APM-5E-400	APM-5E-800
10 W	APM-10H	APM-10A	APM-10B	APM-10C	APM-10D	APM-10E-400	APM-10E-800
25 W	—	—	APM-25B	APM-25C	APM-25D	APM-25E-400	APM-25E-800
50 W	APM-50H	—	—	APM-50C	APM-50D	APM-50E-400	APM-50E-800
100 W	APM-100H	APM-100A	APM-100B	APM-100C	APM-100D	APM-100E-400	APM-100E-800
250 W	APM-250H	APM-250A	APM-250B	APM-250C	APM-250D	APM-250E-400	APM-250E-800
500 W	APM-500H	—	APM-500B	APM-500C	APM-500D	APM-500E-400	APM-500E-800
1000 W	APM-1000H	—	APM-1000B	APM-1000C	—	APM-500E-400	APM-1000E-800

Note: Elements must be chosen from the same series and the forward and reflected elements chosen in a 10:1 power ratio

43 SERIES ELEMENT SELECTION GUIDE

- Select from Element Tables 1,2,3,4,6,13, and 14 starting on page 74
- 43 series elements can be used to measure average power if peak to average ratio is close to 1