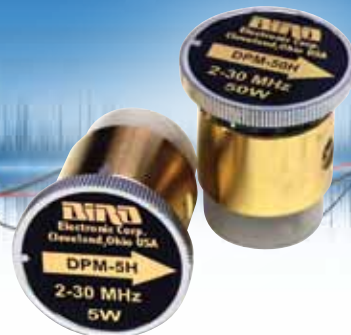


Plug-In Elements

Selection Guide



Model Select Element From Table(s)

- 3128A** 1, 2, 3, 3A, 4, 6, 14*
- 3170B** 1, 2, 3, 3A, 4, 6, 14*
- 43** 1, 2, 3, 3A, 4, 6, 14*
- 43P** 1, 2, 3, 3A, 4, 5, 6
- 4305A** 4305A Elements, 1 5/8AA
- 4314C** 1, 2, 3, 3A, 4, 5, 6, 14*

Model Select Element From Table(s)

- 4391A** 1, 2, 3, 3A, 4, 5, 6, 14*
- 4410A, 4412A** (see page 24)
- 4431** 1, 2, 3, 3A, 4, 6, 14*
- 4521, 4522** 1, 2, 3, 3A, 4, 6, 14*
- 4526** 1, 2, 3, 3A, 4, 6, 14*
- 4527** 2 MHz to 512 MHz elements in 1,2, 6,14*

*Table 14 describes coupler elements used for RF sampling. The instrument meter does not read when these elements are installed, but simply serves as a line section.

ELEMENT TABLE FREQUENCY & POWER LIMITS

Element Table	Min. Power (Watts F.S.)	Max. Power (Watts F.S.)	Min. Freq (MHz)	Max. Freq (MHz)
APM	1	1000	2	2300
1	5	5000	2	1000
2	1	2.5	25	1000
3	1	250	950	2700
3A	0.1	0.5	950	2600
4	1000	10,000	0.45	2.5
5	500	10,000	2	1260
6	0.1	0.5	45	1000

ELEMENT TABLE FREQUENCY & POWER LIMITS

Element Table	Min. Power (Watts F.S.)	Max. Power (Watts F.S.)	Min. Freq (MHz)	Max. Freq (MHz)
8	50	25,000	0.45	2300
9	0.01	10	30	1000
9A	0.001	1	864	970
10	0.1	100	25	2300
11	1	1000	2	1000
12	10	10,000	0.2	30
14	1000	1000	50	1250

TABLE 1 STANDARD ELEMENTS

Power Range	Frequency Bands (MHz)					
	2-30	25-60	50-125	100-250	200-500	400-1000
5 W	—	5A	5B	5C	5D	5E
10 W	—	10A	10B	10C	10D	10E
25 W	—	25A	25B	25C	25D	25E
50 W	50H	50A	50B	50C	50D	50E
100 W	100H	100A	100B	100C	100D	100E
250 W	250H	250A	250B	250C	250D	250E
500 W	500H	500A	500B	500C	500D	500E
1000 W	1000H	1000A	1000B	1000C	1000D	1000E
2500 W	2500H	—	—	—	2500D	—
5000 W	5000H	—	—	—	—	—

TABLE 2 LOW POWER ELEMENTS

Part No.	1 Watt Frequency (MHz)											
	40-50	50-60	60-80	80-90	95-125	110-160	150-250	200-300	275-450	425-850	800-1000	
Part No.	040-1	050-1	060-1	080-1	095-1	110-1	150-1	200-1	275-1	425-1	801-1	
Part No.	2.5 Watt Frequency (MHz)											
	25-30	30-40	40-50	50-60	60-80	80-95	95-150	150-250	200-300	250-450	400-850	800-1000
Part No.	025-2	030-2	040-2	050-2	060-2	080-2	095-2	150-2	200-2	250-2	400-2	801-2

Table 3 HIGH-FREQUENCY ELEMENTS, ENTIRE TABLE ±8% FS

Power Range	Frequency Bands (MHz)								
	950-1260	1100-1800	1700-1990	1990-2200	2200-2300	2300-2400	2400-2500	2500-2600	2600-2700
1 W	1J	1K	1L1	1L2	1M	431-17	431-20	431-23	431-120
2.5 W	2.5J	2.5K	2.5L1	2.5L2	2.5M	431-110	431-107	431-108	431-117
5 W	5J	5K	5L1	5L2	5M	432-15	432-28	432-2	432-12
10 W	10J	10K	10L1	10L2	10M	432-125	432-141	432-102	432-104
25 W	25J	25K	25L1	25L2	25M	433-19	433-20	433-35	433-36
50 W	50J	50K	50L1	50L2	50M	433-37	433-38	433-163	433-164
100 W	100J	—	—	—	—	—	—	—	—
250 W	250J	—	—	—	—	—	—	—	—