

Plug-In Elements For 7/8" Line Size

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Features

- Gold Plated For High Conductivity
- Interchangeable With Other Elements
- NIST Traceable Standards For Accuracy
- Rugged and Reliable
- Two Year Limited Warranty



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Description

The 82000 series of Coaxial Dynamics Plug-In Elements are calibrated to exacting specifications to assure interchangeability with one another, and with any instrument in the 7/8" line size - whether purchased today or 20 years ago.

We ensure element accuracy using RF Power Standards (NIST traceable) that are supported by more than 30 years of history and experience.

Your confidence in the quality and dependability of the 82000 series of Plug-In Elements is assured with the Coaxial Dynamics Two Year Limited Warranty.

82000 Series Plug-In Elements (30 μ A)

Power Rating	Frequency Range (MHz)							
	2-30	25-60	50-125	100-250	200-500	400-1000	950-1300	1100-1800
5 W	---	82012	82020	82028	82036	82045	82068	82079
10 W	---	82013	82021	82029	82037	82046	82069	82080
25 W	---	82014	82022	82030	82038	82047	82070	82081
50 W	82004	82015	82023	82031	82039	82048	82071	82082
100 W	82005	82016	82024	82032	82041	82049	82072	82083
250 W	82006	82017	82025	82033	82042	82050	82073	---
500 W	82007	82018	82026	82034	82043	82051	82074	---
1000 W	82008	82019	82027	82035	82044	82052	82075	---
2500 W	82009	---	---	---	---	---	---	---
5000 W	82010	---	---	---	---	---	---	---

82000 Series High Power Elements (30 μ A)

Power Rating	Frequency Range (MHz)					
	2-30	25-60	50-125	100-250	200-500	400-1000
2500 W	---	82053	82054	82055	82056	82057
5000 W	---	82058	82059	82060	82061	82062
10000 W	82011	82063	82064	82065	82066	82067

The High Power Elements above are for use in [81000-A](#) and [83000-A](#) series Wattmeters and [7/8" Line Sections](#) (Peak Mode only)

82000 Series Milliwatt Elements (30 μ A)

100 mW	Model	100 mW	Model	250 mW	Model	500 mW	Model
20-23 MHz	820A022	400-420 MHz	820A410	70-80 MHz	820B075	25-30 MHz	820C028
44-50 MHz	820A047	450-470 MHz	820A460	72-76 MHz	820B074	65-90 MHz	820C078
62-70 MHz	820A066	740-760 MHz	820A750	105-120 MHz	820B113	72-76 MHz	820C074
72-76 MHz	820A074	800-900 MHz	820A850	130-150 MHz	820B140	105-120 MHz	820C113
105-120 MHz	820A113			150-180 MHz	820B165	130-170 MHz	820C150
125-136 MHz	820A130			310-350 MHz	820B330	240-290 MHz	820C265
135-165 MHz	820A150			416-436 MHz	820B426	300-350 MHz	820C325
160-175 MHz	820A167			800-900 MHz	820B850	450-470 MHz	820C460
190-205 MHz	820A198			900-950 MHz	820B925	800-900 MHz	820C850
310-350 MHz	820A330					900-950 MHz	820C925

82000 Series Low Power Elements (30 μ A)

1 watt	Model	1 watt	Model	2.5 watts	Model
28-44 MHz	820D036	310-350 MHz	820D330	60-80 MHz	820E070
40-50 MHz	820D045	327-543 MHz	820D435	80-140 MHz	820E110
44-70 MHz	820D057	425-850 MHz	820D638	95-150 MHz	820E123
70-120 MHz	820D095	800-950 MHz	820D875	150-250 MHz	820E200
108-118 MHz	820D113			200-300 MHz	820E250
108-181 MHz	820D145			225-400 MHz	820E313
150-250 MHz	820D200			275-450 MHz	820E363
200-300 MHz	820D250			340-560 MHz	820E450
275-450 MHz	820D363			800-950 MHz	820E875

Other low power elements are available.
Please consult factory if you don't find what you need.

[[general documents/SUPPLIERS/COAXIAL/specs for online catalogue/footer.htm](#)]