

## Typical Performance Data

FREQUENCY (MHz)	GAIN (dB) 5V	DIRECTIVITY (dB) 5V	RETURN LOSS (dB)		NOISE FIGURE (dB) 5V	POUT @ 1 dB COMPRESSION (dBm) 5V	POUT @ 3 dB COMPRESSION (dBm) 5V	OUTPUT IP3 (dBm) 5V
			IN 5V	OUT 5V				
50	13.50	74.80	13.90	28.40	7.18	13.31	14.93	23.20
100	13.46	70.05	13.87	28.11	6.08	13.17	14.82	23.40
200	13.41	67.50	13.84	27.47	5.37	13.05	14.78	22.97
300	13.39	65.35	13.83	26.63	5.14	13.05	14.78	22.97
400	13.39	63.54	13.83	25.66	4.99	13.13	14.79	23.36
500	13.40	62.98	13.82	24.65	4.91	13.13	14.79	23.36
600	13.42	62.25	13.82	23.63	4.85	13.15	14.80	23.50
700	13.48	61.63	13.83	22.74	4.73	13.15	14.80	23.50
800	13.58	61.03	13.84	22.14	4.72	13.26	14.94	23.69
900	13.68	63.31	13.88	22.31	4.66	13.26	14.94	23.69
1000	13.69	69.33	13.92	23.46	4.66	13.42	15.13	24.01
2000	13.43	53.67	14.19	17.92	4.53	13.35	14.97	24.09
3000	13.53	48.52	15.00	14.63	4.36	13.64	15.23	24.39
4000	13.51	45.59	16.84	12.55	4.30	13.81	15.35	24.91
5000	13.39	43.74	20.37	11.14	4.35	13.97	15.46	25.08
6000	13.23	42.15	23.97	10.61	4.43	13.87	15.30	25.23
7000	13.07	40.64	19.09	10.96	4.41	13.93	15.22	25.55
8000	12.90	39.21	15.06	12.14	4.25	14.00	15.22	25.65
9000	12.75	37.78	12.87	14.05	4.05	13.77	15.02	25.69
10000	12.65	36.43	11.99	16.40	3.77	13.35	14.73	25.15
11000	12.64	35.07	12.43	17.62	3.57	13.37	14.80	24.84
12000	12.69	33.60	14.61	16.60	3.43	13.10	14.62	24.56
13000	12.78	31.99	20.32	15.77	3.43	13.19	14.74	24.81
14000	12.82	30.47	39.11	17.21	3.46	13.25	14.77	24.51
15000	12.77	28.95	20.41	23.69	3.57	13.22	14.70	24.62
16000	12.64	27.95	17.50	32.31	3.64	12.99	14.43	25.22
17000	12.42	27.55	19.32	20.06	3.80	12.96	14.42	24.56
18000	12.13	27.68	23.65	15.89	4.06	12.98	14.30	24.46
19000	11.74	28.04	16.57	13.27	4.22	12.76	13.93	24.75
20000	11.26	28.43	11.67	11.67	4.39	12.51	13.60	24.53
21000	10.82	28.63	9.40	10.69	4.51	12.17	13.16	24.20
22000	10.53	28.50	8.63	9.92	4.72	11.51	12.66	23.34
23000	10.44	28.02	8.91	9.05	4.77	11.11	12.43	22.97
24000	10.55	27.16	9.82	8.42	4.93	10.84	12.11	22.58
25000	10.77	26.12	10.88	8.85	5.10	11.17	12.42	23.83
26000	10.95	25.17	11.40	11.25	5.30	11.07	12.22	25.12
26500	10.99	24.80	11.40	13.44	5.42	10.88	12.15	25.25
27000	11.00	24.49	11.33	15.98	5.44	10.92	12.22	25.27
28000	11.05	23.78	11.93	17.80	5.42	11.03	12.48	24.59
29000	11.26	22.78	14.50	17.42	5.36	10.90	12.46	24.45
30000	11.46	21.81	16.84	18.48	5.11	10.94	12.63	23.31
31000	11.51	21.19	15.65	15.88	5.26	10.76	12.56	22.65
32000	11.47	20.82	15.66	12.22	5.37	10.83	12.72	22.40
33000	11.42	20.62	16.42	10.94	5.51	11.09	12.65	23.09
34000	11.37	20.55	14.15	12.74	5.63	11.29	12.49	23.45
35000	11.29	20.76	11.29	19.62	5.62	11.10	12.21	24.40
36000	11.14	21.23	10.25	27.38	5.62	10.69	11.88	25.96
37000	11.00	21.51	10.93	16.42	5.70	11.31	12.40	24.37
38000	10.97	21.10	12.79	13.65	5.82	11.19	12.39	23.99
39000	11.01	20.14	15.92	12.61	6.02	10.87	12.04	23.53
40000	11.01	19.29	20.32	12.59	6.08	10.82	11.95	22.35
41000	10.93	18.87	17.04	14.59	6.28	11.20	12.06	24.24
42000	10.78	18.73	14.06	18.97	6.50	10.80	11.90	27.52
43000	10.54	18.70	13.48	19.22	6.66	10.70	11.53	24.45
44000	10.15	18.81	12.91	16.32	6.85	10.21	11.07	24.67



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IF/RF MICROWAVE COMPONENTS

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