

## Typical Performance Data

FREQUENCY (MHz)	Gain (dB) 12V	Directivity (dB) 12V	VSWR IN (:1) 12V	VSWR OUT (:1) 12V	Noise Figure (dB) 12V	Pout @ 1dB Compression (dBm) 12V	Output IP3 (dBm) 12V
500	18.61	7.88	2.46	1.50	2.58	16.28	30.97
600	18.87	7.25	2.16	1.44	2.47	16.47	31.76
700	19.01	6.91	1.97	1.40	2.39	16.58	31.54
800	19.07	6.67	1.85	1.38	2.37	16.66	31.84
900	19.13	6.55	1.78	1.37	2.28	16.76	32.36
1000	19.15	6.42	1.73	1.36	2.21	16.77	31.21
1100	19.14	6.41	1.69	1.37	2.30	16.85	32.03
1200	19.12	6.41	1.67	1.37	2.23	16.88	32.12
1300	19.10	6.47	1.66	1.38	2.30	16.93	32.65
1400	19.06	6.50	1.66	1.39	2.24	16.94	32.80
1500	19.02	6.56	1.67	1.40	2.26	16.98	32.66
1600	18.98	6.64	1.67	1.42	2.25	16.89	32.27
1700	18.92	6.73	1.69	1.44	2.29	16.97	33.07
1800	18.86	6.87	1.70	1.45	2.23	16.90	32.90
1900	18.79	7.02	1.72	1.47	2.20	16.87	32.71
2000	18.71	7.17	1.73	1.48	2.17	16.89	32.75
2100	18.63	7.30	1.75	1.49	2.22	16.74	32.01
2200	18.57	7.40	1.76	1.50	2.27	16.80	32.08
2300	18.51	7.56	1.78	1.52	2.21	16.92	33.10
2400	18.45	7.66	1.80	1.53	2.21	17.00	33.06
2500	18.38	7.80	1.82	1.55	2.26	16.96	33.15
2600	18.31	7.99	1.84	1.56	2.27	16.93	33.07
2700	18.24	8.12	1.86	1.58	2.32	16.93	32.79
2800	18.17	8.27	1.88	1.59	2.34	16.94	32.67
2900	18.11	8.42	1.90	1.60	2.34	16.98	32.54
3000	18.03	8.59	1.91	1.60	2.27	16.83	31.79
3100	17.97	8.73	1.93	1.61	2.33	16.91	32.16
3200	17.90	8.90	1.95	1.62	2.33	16.98	32.56
3300	17.83	9.07	1.96	1.62	2.29	16.89	31.98
3400	17.77	9.24	1.97	1.62	2.29	17.11	32.88
3500	17.71	9.39	1.99	1.61	2.28	17.17	32.98
3600	17.64	9.49	2.00	1.61	2.31	17.03	32.25
3700	17.58	9.69	2.01	1.60	2.25	17.09	32.24
3800	17.52	9.85	2.02	1.59	2.29	17.08	32.04
3900	17.46	9.98	2.03	1.58	2.27	17.03	31.64
4000	17.41	10.13	2.03	1.57	2.29	17.06	31.80
4500	17.15	10.81	2.05	1.48	2.34	17.23	31.89
5000	16.95	11.53	2.07	1.37	2.42	17.24	31.14
5500	16.76	12.17	2.09	1.29	2.37	17.27	30.51
6000	16.53	12.89	2.09	1.25	2.38	17.23	30.32
6500	16.22	13.88	2.08	1.27	2.43	16.98	30.08
7000	16.06	14.57	2.10	1.32	2.40	16.81	29.67
7500	16.09	14.75	2.05	1.32	2.42	16.72	29.41
8000	16.21	15.06	1.93	1.28	2.47	16.58	28.97
8500	16.27	15.72	1.85	1.19	2.42	16.52	28.76
9000	16.18	16.30	1.78	1.19	2.50	16.29	27.76
9500	15.88	17.36	1.71	1.34	2.52	15.80	27.58
10000	15.82	18.37	1.70	1.48	2.57	15.54	27.39
10500	15.89	19.29	1.74	1.60	2.73	15.28	27.28
11000	15.52	20.92	1.79	1.70	3.00	15.03	27.08
11500	15.59	19.63	2.10	1.59	3.00	14.87	26.89
12000	15.42	19.46	2.40	1.49	3.07	14.86	27.16