

Conversion of Power (watts to dBm)

FILTRONETICS, INC

Micro Watts	dBm	Micro Watts	dBm	Milli Watts	dBm	Milli Watts	dBm	Watts	dBm
1	-30.00	100	-10.00	1	0.00	100	+20.00	1	+30.00
2	-26.99	125	-9.03	2	+3.01	125	+20.97	2	+33.01
3	-25.23	150	-8.24	3	+4.77	150	+21.76	3	+34.77
4	-23.98	175	-7.57	4	+6.02	175	+22.43	4	+36.02
5	-23.01	200	-6.99	5	+6.99	200	+23.01	5	+36.99
6	-22.22	225	-6.48	6	+7.78	225	+23.52	6	+37.78
7	-21.55	250	-6.02	7	+8.45	250	+23.98	7	+38.45
8	-20.97	275	-5.61	8	+9.03	275	+24.39	8	+39.03
9	-20.46	300	-5.23	9	+9.54	300	+24.87	9	+39.54
10	-20.00	325	-4.88	10	+10.00	325	+25.12	10	+40.00
15	-18.24	350	-4.56	15	+11.76	350	+25.44	15	+41.76
20	-16.99	375	-4.26	20	+13.01	375	+25.74	20	+43.01
25	-16.02	400	-3.98	25	+13.98	400	+26.02	25	+43.98
30	-15.23	425	-3.72	30	+14.77	425	+26.28	30	+44.77
35	-14.56	450	-3.47	35	+15.44	450	+26.53	35	+45.44
40	-13.98	475	-3.23	40	+16.02	475	+26.77	40	+46.02
45	-13.47	500	-3.01	45	+16.53	500	+26.99	45	+46.53
50	-13.01	525	-2.80	50	+16.99	525	+27.20	50	+46.99
55	-12.60	550	-2.60	55	+17.40	550	+27.40	55	+47.40
60	-12.22	600	-2.22	60	+17.78	600	+27.78	60	+47.78
65	-11.87	650	-1.87	65	+18.13	650	+28.13	65	+48.13
70	-11.55	700	-1.55	70	+18.45	700	+28.45	70	+48.45
75	-11.25	750	-1.25	75	+18.75	750	+28.75	75	+48.75
80	-10.97	800	-0.97	80	+19.03	800	+29.03	80	+49.03
85	-10.71	850	-0.71	85	+19.29	850	+29.29	85	+49.29
90	-10.46	900	-0.46	90	+19.54	900	+29.54	90	+49.54
95	-10.22	950	-0.22	95	+19.78	950	+29.78	95	+49.78
100	-10.00	1000	-0.00	100	+20.00	1000	+30.00	100	+50.00

Conversion of Return Loss to Equivalent VSWR

FILTRONETICS, INC

6010 Parretta Drive, Kansas City, MO 64120
 Phone (816) 231-7375 • Fax (816) 241-0368
www.filtro.net • E-mail: filtro@filtro.net