



FILTER SPECIALIST SINCE 1956
a Gowanda Company

Voltage to Power Conversion Table				
Voltage			Power	
RMS	Peak to Peak	dBmV	Watts	dBm
1.0 μ V	2.828 μ V	-60.00	20.0×10^{-15}	107.00
2.0 μ v	5.657 μ V	-53.98	80.0×10^{-15}	-101.00
4.0 μ V	11.31 μ V	-47.96	320.0×10^{-15}	-94.95
8.0 μ V	22.63 μ V	-41.94	1.28×10^{-12}	-88.93
10.0 μ V	28.28 μ V	-40.00	2.0×10^{-12}	-86.99
20.0 μ V	56.57 μ V	-33.98	8.0×10^{-12}	-80.97
40.0 μ V	113.1 μ V	-27.96	32.0×10^{-12}	-169.00
80.0 μ V	226.3 μ V	-21.94	128.0×10^{-12}	-68.93
100.0 μ V	282.8 μ V	-20.00	200.0×10^{-12}	-66.99
200.0 μ V	565.7 μ V	-13.98	800.0×10^{-12}	-60.97
400.0 μ V	1.131 mV	-7.96	3.2×10^{-9}	-54.95
800.0 μ V	2.263 mV	-1.94	12.8×10^{-9}	-48.93
1.0 mV	2.828 mV	0.00	20.0×10^{-9}	-46.99
2.0 mV	5.657 mV	6.02	80.0×10^{-9}	-40.97
4.0 mV	11.31 mV	12.04	320.0×10^{-9}	-34.95
8.0 mV	22.63 mV	18.06	1.28 μ W	-28.93
10.0 mV	28.28 mV	20.00	2.0 μ W	-26.99
20.0 mV	56.57 mV	26.02	9.0 μ W	-20.97
40.0 mV	113.1 mV	32.04	32.0 μ W	-14.95
80.0 mV	226.3 mV	38.06	128.0 μ W	-8.93
100.0 mV	282.8 mV	40.00	200.0 μ W	-6.99
200.0 mV	565.7 mV	46.02	800.0 μ W	-0.97
223.6 mV	632.4 mV	46.99	1.0 mW	0.00
400.0 mV	1.131 V	52.04	3.2 mW	5.05
800.0 mV	2.263 V	58.06	12.8 mW	11.07
1.0 V	2.828 V	60.00	20.0 mW	13.01
2.0 V	5.657 V	66.02	80.0 mW	19.03
4.0 V	11.31 V	72.04	320.0 mW	25.05
8.0 V	22.63 V	78.06	1.28 W	31.07
10.0 V	28.28 V	80.00	2.0 W	33.01
20.0 V	56.57 V	86.02	8.0 W	39.03
40.0 V	113.1 V	92.04	32.0 W	45.05
80.0 V	226.3 V	98.06	128.0 W	51.07
100.0 V	282.8 V	100.00	200.0 W	53.01
200.0 V	565.7 V	106.00	800.0 W	59.03
223.6 V	632.4 V	107.00	1000.0 W	60.00
400.0 V	1,131.0 V	112.00	3.2 KW	65.05
800.0 V	2,263.0 V	118.10	12.8 KW	71.07