

AILTECH 5001 AND 15100B
Broadband Linear Amplifiers
10KHz to 10MHz, 500MHz to 1000MHz

SPECIFICATIONS:

	Model 5001	Model 15100B
Frequency Range (MHz)	0.01-10	500-1000
Power Output (Watts – Min)	50-75	30
Compression (dB typical)	1	<1 @ 15W
Gain/Variation (typical)	37/1.5	45/2
Total Harmonic Distortion	25 Down	25 Down
Third Order Intercept dBm	+57	47
Input VSWR (typical)	1.5:1	3:1
Load Impedance (up-to)	1.5:1	1.5:1
Noise Figure (dB) max.	10	12
Protection in dB @ 1.5:1	10	10
Output monitoring (volts)	-1 @ 50W	-3 @ 15W
Power Required 50/60 Hz, 115/230 volts (Watts)	500	500
Size (inches)	7 x 8.5 x 17	17.25 x 7 x 17
Weight (Lbs)	22	43