



**Model LA1000  
Load Attenuator  
1000 Watts  
DC-3GHz**

The Model LA1000 is a 40 dB attenuator that is recommended for use with the Amplifier Research Model "S" series and other amplifiers operating in the frequency and power range. The attenuated output provides a means of monitoring the signal at an acceptable level for a power meter or oscilloscope and permits use of a detector for RF leveling. A test data sheet is provided with the LA1000 to indicate attenuation over the frequency range.

**SPECIFICATIONS**

**ELECTRICAL:**

Frequency Range.....	DC-3 GHz
Power (Maximum).....	1000 watts Continuous to 25° C (see derating curve)
Attenuation .....	40 dB +/- 0.75 dB (DC-1.5 GHz) +1.5, -0.5 dB (1.5-3 GHz)
Input VSWR Maximum .....	1.15:1 (DC-1.5 GHz) 1.25:1 (1.5-3 GHz)
Output VSWR Maximum.....	1.15:1 (DC-1.5GHz) 1.25:1 (1.5-3GHz)
Connectors .....	Type N female (Input) Type N female (Output)

**MECHANICAL:**

Ambient Temperature Range.....	-55° C to 125° C
Operating Position.....	Horizontal Only
Weight .....	13.15 Kg 29 lbs
Size approximate (W x H x D).....	178 x 332 x 451 mm 7.00 x 13.1 x 17.76 in

