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**MODEL LA500
 LOAD ATTENUATOR
 500WATTS, DC-5 GHz**

The Model LA500 is a 40dB 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 LA500 to indicate attenuation over the frequency range.

SPECIFICATIONS

ELECTRICAL:

<i>Frequency Range</i>	<i>DC-5GHz</i>
<i>Power (Maximum)</i>	<i>500 watts Continuous to 35°C (see derating curve)</i>
<i>Attenuation</i>	<i>40dB +/- .5dB (DC-2.5GHz) 40dB +1.5, -0.5dB (2.5 – 5 GHz)</i>
<i>Input VSWR Maximum</i>	<i>1.1:1 (DC-2.5GHz) 1.35:1 (2.5 – 5 GHz)</i>
<i>Output VSWR Maximum</i>	<i>1.1:1 (DC-2.5GHz) 1.15:1 (2.5 – 5 GHz)</i>
<i>Connectors</i>	<i>Type N male (Input) Type N female (Output)</i>

MECHANICAL:

<i>Ambient Temperature Range</i>	<i>-55°C to 125°C</i>
<i>Operating Position</i>	<i>Horizontal Only</i>
<i>Weight</i>	<i>3.63Kg. 8 lbs.</i>
<i>Size approximate (W x H x D)</i>	<i>138.7 x 109.5 x 259.6 mm 5.46 x 4.31 x 10.22 in</i>

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