



Model LA500
Load Attenuator
500 watts
DC-5GHz

The Model LA500 is a 40dB attenuator that is recommended for use with the AR 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.

The export classification for this equipment is EAR99. These commodities, technology or software are controlled for export in accordance with the U.S. Export Administration Regulations. Diversion contrary to U.S. law is prohibited.

SPECIFICATIONS

ELECTRICAL:

Frequency Range	DC-5GHz
Power (Maximum)	500 watts Continuous to 25°C (see derating curve)
Attenuation	40dB +/-1dB (DC-2.5GHz) 40dB +3, -0.5dB (2.5-5 GHz)
Input VSWR Maximum	1.1:1 (DC-2.5GHz) 1.35:1 (2.5-5 GHz)
Output VSWR Maximum	1.1:1 (DC-2.5GHz) 1.15:1 (2.5-5 GHz)
Connectors	Type N male (Input) Type N female (Output)

MECHANICAL:

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

