



**Model LA100  
Load Attenuator  
100 Watts, DC-18GHz**

The Model LA100 is a 40dB attenuator that is recommended for use with the AR RF/Microwave Instrumentation S, ST and T series models and other amplifiers with an N type output connector operating in the same 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 LA100 to indicate attenuation over the frequency range.

**SPECIFICATIONS**

**ELECTRICAL:**

Frequency Range.....	DC-18 GHz
Power (Maximum)	
Input Port.....	100 watts continuous to 25°C (See derating curve)
Output Port.....	10 watts
Attenuation .....	40dB ±1.0dB
Input VSWR Maximum .....	1.25:1 (DC-8GHz)
	1.35:1 (8-12.4GHz)
	1.45:1 (12.4-18GHz)
Connectors .....	Type N male (Input); Type N female (Output)

**MECHANICAL:**

Case Temperature Range.....	-55°C to 125°C
Operating Position.....	Horizontal Only
Weight .....	320 g (11 oz)
Size approximate (W x H x D).....	21.8 x 4.2 x 4.2 cm (8.6 x 1.62 x 1.62 in)

