

Description

ENI 1140L RF Power Amplifier Description

The 1140L is an all solid state power amplifier operating over the range of 9 kHz to 250 kHz with a flat gain of 50 dB. Its 50 ohm input is compatible with any laboratory signal generator, function generator, or integrated circuit oscillator. Any load impedance (from an open to a short circuit) may be connected to the output of the 1140L without fear of damage or oscillation. The 1140L delivers maximum power transfer to a 50 ohm load impedance, however, any load impedance between 2 and 800 ohms can be driven by connecting a matching transformer between the output and the load. A built-in true average power meter measures both the power leaving the 1140L (forward power) and the power absorbed by the load (load power).

- Frequency range 9 kHz to 250 kHz, up to 450 kHz at reduced gain
- 1400 W output power (9 kHz to 50 kHz), 1100 W (50 kHz to 250 kHz)
- 50 dB gain (nominal)
- Front panel metering
- 50 Ohm impedance
- N(f) connectors, input/output
- 115 Vac, $\pm 6\%$; 50 to 60 Hz operation
- Weight: 45 lb; Size: 222 mm (8.75 in)H x 432 mm (17.0 in)W x 476 mm (18.75 in)D