

550L SPECIFICATIONS

Frequency Coverage

1.5-400MHz

Gain

50dB

Gain Variation

±1.5dB

Maximum Class A Linear Power Output

50 Watts

Maximum Power Output

100 Watts CW & Pulse, 1.5-220MHz

AC Power Requirements

115 VAC ±8%, at 12 A or less;
230 VAC ±8%, at 6 A or less;
single phase 50/60Hz

RF Input

Type N

RF Output

Type N

Harmonic Distortion

All harmonics more than 23dB below
fundamental at rated linear power
output; lower at reduced power.

Typical Third Order Intercept Point

+59dBm

Stability

Continuous operation into any load
or source impedance.

Input/Output Impedance

50 Ω

Input VSWR

1.8:1 maximum

Output VSWR

2.5:1 maximum

Noise Figure

12dB maximum

Protection

Unit will withstand a +13dBm input
signal (1.0 Volt RMS) for all output
load conditions, including short and
open circuit loads.

Cooling System

Forced air

Operating Temperature

0 to 45° C

Front Panel Controls & Connectors

AC On, RF Input, RF Output

Rear Panel Connector

AC line

Size

8.5" H x 15.5" W x 19.75" D
(39.4 x 50.2 x 21.6 cm)

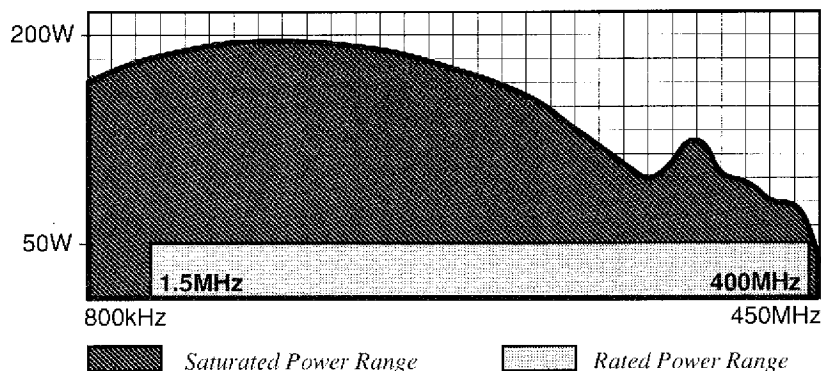
Weight

59 lbs (26.8 kg)

Rack Mounting

19-inch adaptors provided.

550L Typical Extended Performance Chart



Note: When working in the extended range, care must be taken to operate into a nominal 50 Ω load. Operation outside of the rated power range may affect other performance characteristics; consult with the ENI factory beforehand.



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