

# RF POWER AMPLIFIERS MODEL 8000-044



**ETS-Lindgren's Model 8000-044 RF Power Amplifier** is a 400W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-6, greater than 10 V/m requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-044 provides very low distortion and tolerance for 100% mismatch.

- MODEL 8000-044**
- IEC/EN 61000-4-6, 10 V/m
  - High Reliability GaAs Design
  - Excellent Performance and Efficiency
  - Safety Interlock

### Technical Specifications

Electrical	
Frequency Range	10 kHz to 250 MHz
Nominal Output Power	400W
Gain Variation	2 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	100 to 250 VAC, Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 1.5 kVA
Mechanical	
Remote Interface	GPIO, Ethernet, USB
RF Connectors	Type N (f)
Physical	
Dimensions	19 in, 4U Case, 550 mm (21.7 in) Deep
Weight	33.0 kg (73.0 lb)