

# RF POWER AMPLIFIERS MODEL 8000-027



## ETS-Lindgren's Model 8000-027

**RF Power Amplifier** is a 110W power amplifier, designed primarily for EMC applications that include EN/IEC 61000-4-6 requirements. Utilizing MOSFET technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-027 provides very low distortion and tolerance for 100% mismatch.

### MODEL 8000-027

- EN/IEC 61000-4-6
- High Reliability MOSFET Design
- Excellent Performance and Efficiency
- Safety Interlock

### Technical Specifications

Electrical	
Frequency Range	10 kHz to 100 MHz
Nominal Output Power	110W
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	< 500 VA
Mechanical	
Remote Interface	GPIB
RF Connectors	Type N
Physical	
Dimensions	19 in, 4U Case, 500 mm (19.7 in) Deep
Weight	20.0 kg (44.1 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors

### Typical Output Power at 1 dB Compression

