

RF POWER AMPLIFIERS MODEL 8000-009



ETS-Lindgren's Model 8000-009 RF Power Amplifier is a 30W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-6 requirements. Utilizing Silicon DMOS technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-009 provides very low distortion and tolerance for 100% mismatch.

MODEL 8000-009

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

Technical Specifications

Electrical	
Frequency Range	10 kHz to 100 MHz
Nominal Output Power	30 W
Gain Variation	± 2 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	100 to 240 VAC, Single Phase
Supply Frequency Range	47/63 Hz
Line Power	<120 VA
Mechanical	
RF Connectors	Type N (f)
Remote Interface	GPIO, USB
Physical	
Dimensions	19 in, 3U Case, 440 mm (17.3 in) Deep
Weight	12 kg (26 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount with Front Panel Connectors

