

RF POWER AMPLIFIERS MODEL 8000-042



ETS-Lindgren's Model 8000-042 RF Power Amplifier is a 35W power amplifier, designed for EMC applications that include IEC/EN 61000-4-6, 3 Vrms requirements. Using GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

MODEL 8000-042

- IEC/EN 61000-4-6, 3 V
- High reliability GaAs Design
- Excellent Performance and Efficiency
- Safety Interlock

Technical Specifications

Electrical	
Frequency Range	150 kHz to 230 MHz
Nominal Output Power	35 W
Gain Variation	± 2 dB
Harmonics	-20 dBc
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	85 to 264 VAC
Supply Frequency Range	47 to 63 Hz
Line Power	140 VA Maximum
Mechanical	
RF Connectors	Type N (f)
Physical	
Dimensions	19 in, 3U Case, 440 mm (17.3 in) Deep
Weight	12 kg (26.5 lb)

