

RF POWER AMPLIFIERS MODEL 8000-037



MODEL 8000-037

- ISO 11452-4, 200 mA
- High Reliability GaAs Design
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8000-037

RF Power Amplifier is a 150W power amplifier, designed primarily for EMC applications. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-037 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	10 kHz to 400 MHz
Nominal Output Power	150W
Gain Variation	± 2.5 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 kVA
Mechanical	
Remote Interface	GPIO
RF Connectors	Type N
Physical	
Dimensions	19 in, 4U Case, 500 mm (19.7 in) Deep
Weight	18.0 kg (69.7 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

