

RF POWER AMPLIFIERS MODEL 8000-038



MODEL 8000-038

- High Reliability GaAs Design
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8000-038

RF Power Amplifier is a 200W power amplifier, designed primarily for general purpose EMC applications that include Wireless, Commercial and Automotive. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-038 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	700 MHz to 2 GHz
Nominal Output Power	200W
Gain Variation	± 2 dB
Harmonics	> -12 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
RF Connectors	RF In: Type N Female; RF Out: 7/16" Female, Sample Port SMA Female
Physical	
Dimensions	19 in, 4U Case, 550 mm (21.7 in) Deep
Weight	18.8 kg (41.4 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors

Typical Output Power

