

# RF POWER AMPLIFIERS MODEL 8100-088



**ETS-Lindgren's Model 8100-088 RF Power Amplifier** is a 100W power amplifier, designed primarily for EMC applications that include IEC 61000-4-3, 10 V/m requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-088 provides very low distortion and tolerance for 100% mismatch.

## MODEL 8100-088

- IEC 61000-4-3, 10 V/m
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

## Technical Specifications

Electrical	
Frequency Range	2 GHz to 6 GHz
Nominal Output Power	100 W
Gain Variation	± 3 dB
Harmonics	-20 dBc
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	200 to 240 VAC, 10% Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 1100 VA
Mechanical	
RF Connectors	Type N (f)
Remote Interface	LAN, Ethernet, USB
Physical	
Dimensions	19 in, 3U Case, 430 mm (17.0 in) Deep
Weight	19.0 kg (42 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors