

RF POWER AMPLIFIERS MODEL 8100-092



ETS-Lindgren's Model 8100-092 RF Power Amplifier is a 250W power amplifier, designed primarily for EMC applications that include IEC-61000-4-3, 20 V/m up to 4 GHz requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-092 provides very low distortion and tolerance for 100% mismatch.

MODEL 8100-092

- IEC 61000-4-3
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

Technical Specifications

Electrical	
Frequency Range	1 GHz to 4 GHz
Nominal Output Power	250 W
Gain Variation	± 2 dB
Harmonics	-20 dBc Maximum
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	<1800 VA
Mechanical	
RF Connectors	Type N (f)
Remote Interface	GPIB, LAN, USB
Physical	
Dimensions	19 in, 4U Case, 630 mm (24.8 in) Deep
Weight	39.0 kg (86 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors