

RF POWER AMPLIFIERS MODEL 8100-089



ETS-Lindgren's Model 8100-089 RF Power Amplifier is a 10 W power amplifier, designed primarily for EMC applications that include IEC/ EN61000-4-3. Utilizing MOSFET technology, this RF amplifier provides higher linearity, rugged design in a more compact design.

The 8100-089 provides very low distortion and tolerance for 100% mismatch.

MODEL 8100-089

- IEC/EN 61000-4-3
- High Reliability Silicon Design
- Excellent Performance and Efficiency
- Safety Interlock

Technical Specifications

Electrical	
Frequency Range	4 GHz to 8 GHz
Nominal Output Power	10 W
Gain Variation	± 3 dB
Harmonics	20 dBc Minimum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	100 to 240 VAC
Line Power	< 160 VA
Mechanical	
Remote Interface	GPIO, Ethernet, USB
RF Connectors	Type N (f)
Physical	
Dimensions	2 HU, 430 mm Deep
Weight	13 kg (29 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors