

RF POWER AMPLIFIERS MODEL 8100-045



ETS-Lindgren's Model 8100-045 RF Power Amplifier is a 100 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 8100-045 provides very low distortion and tolerance for 100% mismatch.

MODEL 8100-045

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

Technical Specifications

Electrical	
Frequency Range	1 kHz to 6 MHz
Nominal Output Power	100 W
Gain Variation	± 3 dB
Harmonics	20 dBc Minimum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	200 to 240 VAC, Single Phase
Supply Frequency Range	47/63 Hz
Line Power	< 1050 VA
Mechanical	
Remote Interface	GPIO, Ethernet, USB
RF Connectors	Type N (f)
Physical	
Dimensions	3HU Case, 430 mm Deep
Weight	22 kg (49 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors