

RF POWER AMPLIFIERS MODEL 8000-068



MODEL 8000-068

- IEC/EN 61000-4-3, for > 10 V/m
- High Reliability
- GaN Design - Class A
- Dual Coupled Sample Port
- Excellent Performance
- Efficiency Safety Interlock

ETS-Lindgren's Model 8000-068 RF Power Amplifier is a 200 W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-3, up to and greater than 10 V/m requirements. Utilizing GaN technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-068 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	600 MHz to 6 GHz
Nominal Output Power	200 W
Gain Variation	± 3 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	100 to 240 VAC, Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 3 kVA
Mechanical	
RF Connectors	Type N (f)
Remote Interface	GPIB, LAN, USB
Physical	
Dimensions	19 in, 9U Case, 660 mm (23.6 in) Deep
Weight	40.0 kg (88 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors