

RF POWER AMPLIFIERS MODEL 8000-067



MODEL 8000-067

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

ETS-Lindgren's Model 8000-067 RF Power Amplifier is a 125 W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-3, 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 8000-067 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	600 MHz to 6 GHz
Nominal Output Power	125 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	< 2 kVA
Mechanical	
RF Connectors	Type N (f)
Remote Interface	GPIO, Ethernet, USB
Physical	
Dimensions	19 in, 4U Case, 600 mm (23.6 in) Deep
Weight	20.0 kg (44 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors