

RF POWER AMPLIFIERS MODEL 8000-065



MODEL 8000-065

- IEC/EN 61000-4-3, for 3 V/m
- High Reliability
- GaN Design
- Excellent Performance
- Efficiency Safety Interlock

ETS-Lindgren's Model 8000-065 RF Power Amplifier is a 25 W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-3, up to 3 V/m requirements. Utilizing GaN technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-065 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	600 MHz to 6 GHz
Nominal Output Power	25 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	< 300 VA
Mechanical	
RF Connectors	Type N (f)
Remote Interface	GPIO, Ethernet, USB
Physical	
Dimensions	19 in, 3U Case, 500 mm (19.6 in) Deep
Weight	7.0 kg (15.4 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors

