

# RF POWER AMPLIFIERS MODEL 8000-074



## MODEL 8000-074

- IEC/EN 61000-4-3, for > 20 V/m
- ISO 11452-2 up to 200 V/m
- High Reliability
- GaN Design
- Excellent Performance
- Efficiency Safety Interlock

**ETS-Lindgren's Model 8000-074 RF Power Amplifier** is a 250 W power amplifier, designed primarily for EMC applications that include ISO 11452-2 and IEC/EN 61000-4-3, up to 200 V/m requirements. Utilizing GaN technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-074 provides very low distortion and tolerance for 100% mismatch.

### Technical Specifications

Electrical	
Frequency Range	700 MHz to 4.2 GHz
Nominal Output Power	250 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	GPIO, LAN, USB
Physical	
Dimensions	19 in, 7U Case, 600 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

