

RF POWER AMPLIFIERS MODEL 8000-006



MODEL 8000-006

- IEC/EN 61000-4-3, 10 V/m
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8000-006 RF Power Amplifier is a 250 W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-3, 10 V/m requirements. Utilizing Silicon LDMOS, this RF amplifier provides higher linearity, rugged design and better efficiency performance.

The 8000-006 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	80 MHz - 1 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 - 240 VAC
Supply Frequency Range	45 - 63 Hz
Line Power	< 1 kVA
Mechanical	
RF Connectors	Type N (f)
Remote Interface	GPIO, LAN, USB
Physical	
Dimensions	19 in, 4U Case, 500 mm (19.6 in) Deep
Weight	18.0 kg (40 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors

