

RF POWER AMPLIFIERS MODEL 8000-014



ETS-Lindgren's Model 8000-014 RF Power Amplifier is a 200 W power amplifier, designed primarily for EMC applications that include EN/IEC 61000-4-6 requirements. Utilizing MOSFET technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-014 provides very low distortion and tolerance for 100% mismatch.

MODEL 8100-014

- **IEC/EN 61000-4-3**
- **High Reliability MOSFET Design**
- **Excellent Performance and Efficiency**
- **Safety Interlock**

Technical Specifications

Electrical

Frequency Range	10 kHz to 250 MHz
Nominal Output Power	200 W
Gain Variation	± 2 dB
Harmonics	-20 dBc Minimum
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	<1 kVA

Mechanical

Remote Interface	GPIB, Ethernet, USB
RF Connectors	Type N (f)

Physical

Dimensions	19 in, 4U Case, 500 mm (19.7 in) Deep
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors
Weight	18.0 kg (40 lb)