

RF POWER AMPLIFIERS MODEL 8000-028



MODEL 8000-028

- EN/IEC 61000-4-6, 400W
- High Reliability MOSFET Design
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8000-028

RF Power Amplifier is a 400W power amplifier, designed primarily for EMC applications that include EN/IEC 61000-4-6. Utilizing MOSFET technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-028 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	10 kHz to 100 MHz
Nominal Output Power	400W
Gain Variation	± 2 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	184 to 264 VAC, Single Phase
Supply Frequency Range	47/63 Hz
Line Power	< 2 kVA
Mechanical	
Remote Interface	GPIB
RF Connectors	Type N
Physical	
Dimensions	19 in, 9U Case, 570 mm (22.4 in) Deep
Weight	33.0 kg (72.8 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors

Typical Output Power at 1 dB Compression

