

RF POWER AMPLIFIERS MODEL 8000-011



- Model 8000-011
- IEC 61000-4-3, MIL-STD 461 RS103
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8000-011 RF Power Amplifier is a 1000W power amplifier, designed primarily for commercial and military applications that include IEC/EN 61000-4-3, 30 V/m and RS103, 200 V/m requirements. Utilizing Silicon LDMOS technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-011 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	80 MHz to 1 GHz
Nominal Output Power	1000 W
Gain Variation	± 3 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	1.5:1 Maximum
AC Supply	3 Phase Options
Supply Frequency Range	50/60 Hz
Line Power	<6 kVA
Mechanical	
Remote Interface	GPIB, Ethernet, USB
RF Connectors	Input: Type N (f) Output: DIN 7/16 (f)
Physical	
Dimensions	19 in, 25U Rack, 800 mm (34.6 in) Deep
Weight	160 kg (353 lb)

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