

RF Power Amplifier 8000-011



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.

Reference material: [Remote Control Interface User Manual](#).

Key Features

- IEC/EN 61000-4-3, 30 V/m and RS103, 200 V/m
- Designed for High Field Automotive Testing
- High Reliability Silicon LDMOS Design
- Excellent Performance and Efficiency
- Safety Interlock

Specifications

Physical Specifications

Dimensions: 19 in, 25U Rack, 800 mm (34.6 in) Deep

Weight: 160 kg (353 lb)

Case Style (Standard): Rack with Rear Panel Connectors

Electrical Specifications

Electrical Frequency Range: 80 MHz to 1 GHz

Nominal Output Power: 1000W

Gain Variation: 3 dB

Harmonics: -20 dBc Maximum

Output Impedance: 50

Input VSWR: 1.5:1 Maximum

AC Supply: 3 Phase Options, Delta or Wye

Connectors: Input (N-f); Output (7/16-f)

Supply Frequency Range: 50/60 Hz

Remote Interface: GPIB, Ethernet, USB

Line Power: <6 kVA

Charts

8000-011 Output Power

