

RF POWER AMPLIFIERS MODEL 8000-025



MODEL 8000-025

- ISO 11452-4 up to 106 dBuA
- IEC/EN 61000-4-6, 10 V/m
- High Reliability GaAs Design
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8000-025 RF Power Amplifier is a 100W power amplifier, designed primarily for EMC applications that include ISO 11452-4 and IEC/EN 61000-4-6. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-025 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

| Electrical | |
|------------------------|---------------------------------------|
| Frequency Range | 1 MHz to 400 MHz |
| Nominal Output Power | 100W |
| Gain Variation | ± 2 dB |
| Harmonics | -20 dBc Maximum |
| Output Impedance | 50 Ω |
| Input VSWR | 2:1 Maximum |
| AC Supply | 100 to 250 VAC, Single Phase |
| Supply Frequency Range | 50/60 Hz |
| Line Power | < 1 kVA |
| Mechanical | |
| Remote Interface | GPIB, USB, LAN |
| RF Connectors | Type N (f) |
| Physical | |
| Dimensions | 19 in, 4U Case, 550 mm (21.7 in) Deep |
| Weight | 17.0 kg (37.5 lb) |
| Case Style (Standard) | Rack Mount with Rear Panel Connectors |
| Case Style (Optional) | Bench Mount, Front Panel Connectors |

