

RF POWER AMPLIFIERS MODEL 8000-066



ETS-Lindgren's Model 8000-066 RF Power Amplifier is a 60 W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-3, up to 10 V/m requirements. Utilizing GaN technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-066 provides very low distortion and tolerance for 100% mismatch.

MODEL 8000-066

- IEC/EN 61000-4-3, up to 10 V/m
- High Reliability
- GaN Design - Class A
- Dual Coupled Sample Port
- Excellent Performance
- Efficiency Safety Interlock

Technical Specifications

| Electrical | |
|------------------------|---------------------------------------|
| Frequency Range | 600 MHz to 6 GHz |
| Nominal Output Power | 60 W |
| Gain Variation | ± 3 dB |
| Harmonics | -20 dBc Maximum |
| 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 | < 1.5 kVA |
| Mechanical | |
| RF Connectors | Type N (f) |
| Remote Interface | GPIO, Ethernet, USB |
| Physical | |
| Dimensions | 19 in, 4U Case, 600 mm (23.6 in) Deep |
| Weight | 15.0 kg (33 lb) |
| Case Style (Standard) | Rack Mount with Rear Panel Connectors |
| Case Style (Optional) | Bench Mount, Front Panel Connectors |