

RF POWER AMPLIFIERS MODEL 8100-121



ETS-Lindgren's Model 8100-121 RF Power Amplifier is a 15 W power amplifier, designed primarily for EMC applications that include MIL-STD 461 RS103. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-121 provides very low distortion and tolerance for 100% mismatch.

MODEL 8100-121

- MIL-STD 461 RS103
- Excellent Performance and Efficiency
- Safety Interlock

Technical Specifications

| Electrical | |
|------------------------|---------------------------------------|
| Frequency Range | 6 GHz to 18 GHz |
| Nominal Output Power | 15 W |
| Gain Variation | ± 4 dB |
| Harmonics | -20 dBc Minimum |
| 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 | < 350 VA |
| Mechanical | |
| Remote Interface | LAN, USB, GPIB |
| RF Connectors | SMA (f) |
| Physical | |
| Dimensions | 2U Case, 430 mm Deep |
| Weight | 11 kg (24 lb) |
| Case Style (Standard) | Rack Mount with Rear Panel Connectors |
| Case Style (Optional) | Bench Mount, Front Panel Connectors |