

# RF POWER AMPLIFIERS MODEL 8100-134



**ETS-Lindgren's Model 8100-134 RF Power Amplifier** is a 40W power amplifier, designed primarily for EMC applications that includes MIL-STD-461 RS103. Utilizing MOSFET technology, this RF amplifier provides higher linearity, rugged design in a more compact design.

The 8100-134 provides very low distortion and tolerance for 100% mismatch.

## MODEL 8100-134

- MIL-STD-461 200 V/m
- High Reliability Silicon Design
- Excellent Performance and Efficiency
- Safety Interlock

### Technical Specifications

Electrical	
Frequency Range	18 GHz to 40 GHz
Nominal Output Power	40 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	800 VA
Mechanical	
Remote Interface	LAN, GPIB, USB
RF Connectors	Input: 2.92 mm-f Output: WRD 180
Physical	
Dimensions	4U Case, 630 mm Deep
Weight	32 kg (70 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors