

RF POWER AMPLIFIERS MODEL 8100-167



MODEL 8100-167

- MIL-STD-461 RS 103
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8100-167 RF Power Amplifier is a 100 W power amplifier, designed primarily for EMC applications that include MIL-STD 461 RS 103 requirements. This Solid State RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-167 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	26.5 GHz to 40 GHz
Nominal Output Power	100 W
Gain Variation	± 4 dB
Harmonics	20 dBc Minimum
Output Impedance	50 Ω
Input VSWR	<2:1 Typical
AC Supply	200 to 240 VAC
Supply Frequency Range	47/63 Hz
Line Power	2000 VA
Mechanical	
Remote Interface	GPIO, LAN
RF Connectors	Input: 2.92 mm (f) Output: WRD 28
Physical	
Dimensions	19 in, 5HU Case, 630 mm (24.8 in) Deep
Weight	33 kg (72.75 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors