

# RF POWER AMPLIFIERS MODEL 8100-022



## MODEL 8100-022

- RTCA DO-160 Cat L/G, 5000 V/m
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

**ETS-Lindgren's Model 8100-022 RF Power Amplifier** is a 5000 W Pulsed TWT power amplifier, designed primarily for EMC and general RF applications that require at least 5000 W from 8 GHz to 12 GHz.

The 8100-022 provides very low distortion and tolerance for 100% mismatch.

### Technical Specifications

Electrical	
Frequency Range	8 GHz to 12 GHz
Nominal Output Power	5000 W
Gain Variation	± 7.5 dB
Harmonics	10 dBc Minimum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	200 to 240 VAC
Supply Frequency Range	50/60 Hz
Line Power	< 1600 VA
Mechanical	
Remote Interface	GPIB, LAN
RF Connectors	Input: Type N (f) Output: WR 90
Physical	
Dimensions	19 in, 6U Case, 630 mm (24.8 in) Deep
Weight	48 kg (105 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors