

# RF POWER AMPLIFIERS MODEL 8100-026



## MODEL 8100-026

- IEC 61000-4-3, 20 V/m
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

**ETS-Lindgren's Model 8100-026 RF Power Amplifier** is a 200W power amplifier, designed primarily for EMC applications that include IEC 61000-4-3, 20 V/m requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers. The 8100-026 provides very low distortion and tolerance for 100% mismatch.

### Technical Specifications

Electrical	
Frequency Range	2 GHz to 6 GHz
Nominal Output Power	200 W Minimum
Gain Variation	$\pm 3$ dB
Harmonics	-20 dBc Minimum
Output Impedance	50 $\Omega$
Input VSWR	2:1 Maximum
AC Supply	100 to 240 VAC, Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 2200 VA
Mechanical	
Remote Interface	GPIB, LAN
RF Connectors	Type N (f)
Physical	
Dimensions	19 in, 5U Case, 630 mm (24.8 in) Deep
Weight	37.0 kg (81.0 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors