

RF POWER AMPLIFIERS MODEL 8100-024



ETS-Lindgren's Model 8100-024

RF Power Amplifier is a 200W power amplifier, designed primarily for EMC applications that include IEC 61000-4-3, 30 V/m automotive requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-024 provides very low distortion and tolerance for 100% mismatch.

MODEL 8100-024

- IEC 61000-4-3, 30 V/m
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

Technical Specifications

Electrical	
Frequency Range	4 GHz to 6 GHz
Nominal Output Power	200W Minimum
Gain Variation	± 3
Harmonics	-20 dBc Minimum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	220 VAC ± 10% Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 2500 VAC
Mechanical	
Remote Interface	GPIB, LAN, TTL
RF Connectors	Type N
Physical	
Dimensions	19 in, 9U Case, 630 mm (24.8 in) Deep
Weight	87.0 kg (191.8 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors