

RF POWER AMPLIFIERS MODEL 8100-010



MODEL 8100-010

- IEC 61000-4-6
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8100-010

RF Power Amplifier is a 75W power amplifier, designed primarily for EMC applications that include IEC-61000-4-6, 10 Vrms up to 250 MHz requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-010 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	9 kHz to 250 MHz
Nominal Output Power	75W Minimum
Gain Variation	± 2
Harmonics	-50 dBc Minimum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	100 to 250 VAC ± 10% Single Phase
Supply Frequency Range	47/63 Hz
Line Power	< 1000 VA
Mechanical	
Remote Interface	GPIB, LAN
RF Connectors	Type N
Physical	
Dimensions	19 in, 4U Case, 550 mm (21.7 in) Deep
Weight	19.0 kg (41.9 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors