

RF POWER AMPLIFIERS MODEL 8000-005



MODEL 8000-005

- ISO 11451-2, 200 V/m
- Designed for Automotive Testing
- High Reliability GaAs Design
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8000-005

RF Power Amplifier is a 2000W power amplifier, designed primarily for automotive applications that include ISO 11451-2, 200 V/m requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-005 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	200 MHz to 1 GHz
Nominal Output Power	2000W
Gain Variation	± 3 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	3 Phase Options, Contact ETS-Lindgren for Details
Supply Frequency Range	50/60 Hz
Line Power	< 12 kVA
Mechanical	
Remote Interface	GPIO
RF Connectors	Input Type N, Output 1 5/8" EIA Flange
Physical	
Dimensions	2 x 34U Rack, 800 mm (34.6 in) Deep
Weight	400.0 kg (881.8 lb)
Rack Style (Standard)	Rack with Rear Panel Connectors

Typical Output Power at 1 dB Compression

