

RF POWER AMPLIFIERS MODEL 8000-073



ETS-Lindgren's Model 8000-073 RF Power Amplifier is a 130W power amplifier, designed primarily for automotive and military applications that include Ford CS-2009.1 and GMW 3097 Radar Pulse requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon based amplifiers.

The 8000-073 provides very low distortion and tolerance for 100% mismatch.

MODEL 8000-073

- Ford CS-2009.1 and GMW 3097 Radar Pulse
- 300 V/m
- Designed for Automotive Testing
- High Reliability GaAs Design
- Excellent Performance and Efficiency
- Safety Interlock

Technical Specifications

Electrical	
Frequency Range	700 MHz to 4.2 GHz
Nominal Output Power	130 W
Gain Variation	± 3 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	100-240 VAC (+/- 10%)
Supply Frequency Range	50/60 Hz
Line Power	< 1.5 kVA
Mechanical	
RF Connectors	Type N (f)
Remote Interface	USB, Ethernet, GPIB
Physical	
Dimensions	19 in, 4U Case, 600 mm (23.6 in) Deep
Weight	20.0 kg (44 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors

