

RF POWER AMPLIFIERS MODEL 8000-070



ETS-Lindgren's Model 8000-070 RF Power Amplifier is a 18W power amplifier, designed primarily for general EMC, automotive and military applications. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon based amplifiers.

The 8000-070 provides very low distortion and tolerance for 100% mismatch.

MODEL 8000-070

- **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	18 W
Gain Variation	± 3 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	100 to 240 VAC, Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 150VA

Mechanical

RF Connectors	Type N (f)
Remote Interface	USB, GPIB, Ethernet

Physical

Dimensions	19 in, 3U Case, 500 mm (20 in) Deep
Weight	6.0 kg (13.0 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors

