

# RF POWER AMPLIFIERS MODEL 8000-032



## MODEL 8000-032

- IEC/EN 61000-4-6
- High Reliability GaAs Design
- Excellent Performance and Efficiency
- Safety Interlock

### ETS-Lindgren's Model 8000-032

**RF Power Amplifier** is a 120W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-6 requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-032 provides very low distortion and tolerance for 100% mismatch.

### Technical Specifications

#### Electrical

Frequency Range	10 kHz to 250 MHz
Nominal Output Power	120W
Gain Variation	± 2 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	100 to 250 VAC, Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 1 kVA

#### Mechanical

Remote Interface	GPIB
RF Connectors	Type N

#### Physical

Dimensions	19 in, 4U Case, 500 mm (19.7 in) Deep
Weight	18.0 kg (39.7 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors

### Typical Output Power at 1 dB Compression

