

# RF POWER AMPLIFIERS MODEL 8000-022



## MODEL 8000-022

- IEC/EN 61000-4-20, 10 V/m
- Ideal for Testing with a GTEM!™
- High Reliability GaAs Design
- Excellent Performance and Efficiency
- Safety Interlock

### ETS-Lindgren's Model 8000-022

**RF Power Amplifier** is a 18W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-20 requirements using a GTEM up to 10 V/m. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-022 provides very low distortion and tolerance for 100% mismatch.

### Technical Specifications

Electrical	
Frequency Range	100 kHz to 1 GHz
Nominal Output Power	18W
Gain Variation	± 3 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	< 150 VA
Mechanical	
Remote Interface	GPIB
RF Connectors	Type N
Physical	
Dimensions	19 in, 3U Case, 440 mm (17.3 in) Deep
Weight	9.0 kg (19.8 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

