

## RF POWER AMPLIFIERS MODEL 8000-030



### ETS-Lindgren's Model 8000-030

**RF Power Amplifier** is a 260W power amplifier, designed primarily for EMC applications that include ISO 11452-4 and DO-160 testing for BCI. This RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-030 provides very low distortion and tolerance for 100% mismatch.

### MODEL 8000-030

- ISO 11452-4, 300 mA
- Ideal for BCI Testing
- Mismatch Tolerant and Unconditionally Stable
- Rugged Design for EMC Testing

### Technical Specifications

Electrical	
Frequency Range	10 kHz to 400 MHz
Nominal Output Power	260W
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	< 2 kVA
Mechanical	
Remote Interface	GPIB
RF Connectors	Type N
Physical	
Dimensions	19 in, 6U Case, 440 mm (17.3 in) Deep
Weight	30.0 kg (66.1 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

