

RF POWER AMPLIFIERS MODEL 8000-041



ETS-Lindgren's Model 8000-041 RF Power Amplifier is a power amplifier, designed primarily for EMC applications including rigorous antenna and test chamber requirements. Utilizing MOSFET technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-041 provides very low distortion and tolerance for 100% mismatch.

MODEL 8000-041

- IEC/EN 61000-4-6, 3V
- High Reliability GaAs Design
- Excellent Performance and Efficiency
- Safety Interlock

Technical Specifications

Electrical

Frequency Range	10 kHz to 400 MHz
Nominal Output Power	30W
Gain Variation	± 2 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	85 to 264 VAC, Single Phase
Supply Frequency Range	47/63 Hz
Line Power	< 140 VA

Mechanical

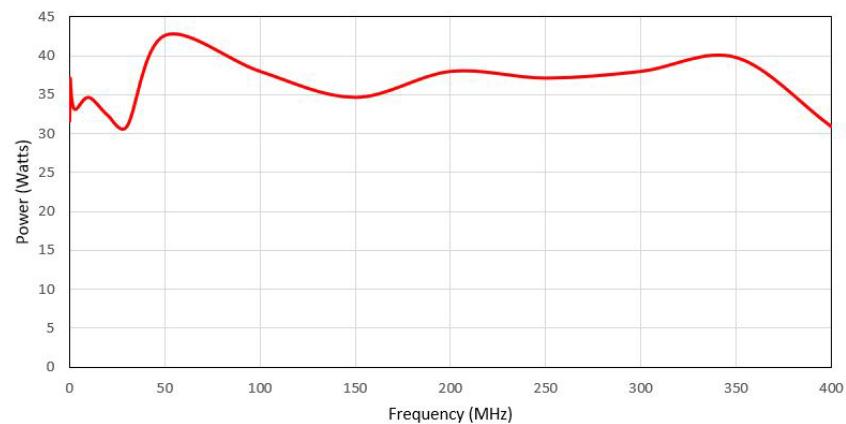
Remote Interface	GPIB
RF Connectors	Type N (f)

Physical

Dimensions	19 in, 3U Case, 440 mm (17.3 in) Deep
Weight	12.0 kg (26.5 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors

8000-041 Output Power (1dB)

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