

RF POWER AMPLIFIERS MODEL 8000-020



ETS-Lindgren's Model 8000-020 RF Power Amplifier is a power amplifier, designed primarily for EMC applications including Conducted Immunity IEC 61000-4-6. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-020 provides very low distortion and tolerance for 100% mismatch.

MODEL 8000-020

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

Technical Specifications

Electrical

Frequency Range	150 kHz to 230 MHz
Nominal Output Power	80 W
Gain Variation	± 2 dB
Harmonics	-20 dBc
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	< 400 VA

Mechanical

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

Physical

Dimensions	19 in, 3U Case, 440 mm (17.3 in) Deep
Weight	13.0 kg (28.7 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors

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