

RF POWER AMPLIFIERS MODEL 8000-029



MODEL 8000-029

- MIL-STD 461 RS103, 200 V/m
- High Reliability GaAs Design
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8000-29 RF Power Amplifier is a 900 W power amplifier, designed primarily for EMC applications that include MIL-STD 461 RS103, 200 V/m. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-029 provides very low distortion and tolerance for 100% mismatch

Technical Specifications

Electrical	
Frequency Range	10 kHz to 100 MHz
Nominal Output Power	900 W
Gain Variation	± 2 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	184-264 Vac
Supply Frequency Range	50/60 Hz
Line Power	3 kVA
Mechanical	
RF Connectors	Type N (f)
Remote Interface	GPIO, Ethernet, USB
Physical	
Dimensions	19 in, 6U, 550 mm (21.6 in) Deep
Weight	33.0 kg (73 lb)

