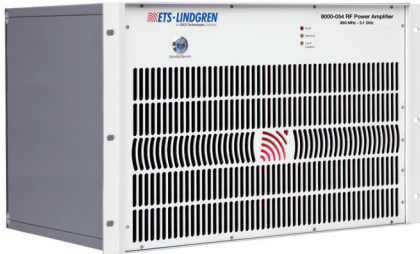


RF POWER AMPLIFIERS MODEL 8000-054



ETS-Lindgren's Model 8000-054

RF Power Amplifier is a 180W power amplifier, designed primarily for EMC applications that include IEC/EN 61000-4-3 requirements. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-054 provides very low distortion and tolerance for 100% mismatch.

MODEL 8000-054

- IEC/EN 61000-4-3, 36 V/m
- High Reliability GaAs Design
- Excellent Performance and Efficiency
- Safety Interlock

Technical Specifications

Electrical

Frequency Range	800 MHz to 3.1 GHz
Nominal Output Power	180W
Gain Variation	± 3 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	180 to 250 VAC, Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 1.6 kVA

Mechanical

Remote Interface	GPIB
RF Connectors	Type N

Physical

Dimensions	19 in, 9U Case, 550 mm (21.7 in) Deep
Weight	47.0 kg (103.6 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Rear Panel Connectors

Typical Output Power at 1 dB Compression

