

RF POWER AMPLIFIERS MODEL 8000-015



ETS-Lindgrens Model 8000-015 RF Power Amplifier is a 2500W/1900W power amplifier, designed primarily for EMC applications that include MIL-STD 461 RS103, 200 V/m. Utilizing push-pull MOSFET technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers. The 8000-015 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	10 kHz to 250 MHz
Nominal Output Power	2500 W
Gain Variation	+/- 3 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	3 Phase Options, Contact ETS-Lindgren for Details
Supply Frequency Range	45/63 Hz
Line Power	< 11,000 kVA
Mechanical	
RF Connectors	Input: N (f) Output: 7/16 (f)
Physical	
Dimensions	19 in, 25U Rack, 800 mm (34.6 in) Deep
Weight	291.0 kg (641.6 lb)

MODEL 8000-015

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

