

RF POWER AMPLIFIERS MODEL 8000-016



MODEL 8000-016

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

ETS-Lindgren's Model 8000-016 RF Power Amplifier is a member of our family of 10 kHz-100 MHz high power amplifiers, designed primarily for EMC applications. The amplifier can be controlled from either the front panel or remote control via the Ethernet, USB and GPIB interfaces.

The amplifier operates in Class A, the benefits for EMC applications being very low distortion and tolerance of 100% mismatch.

Technical Specifications

Electrical

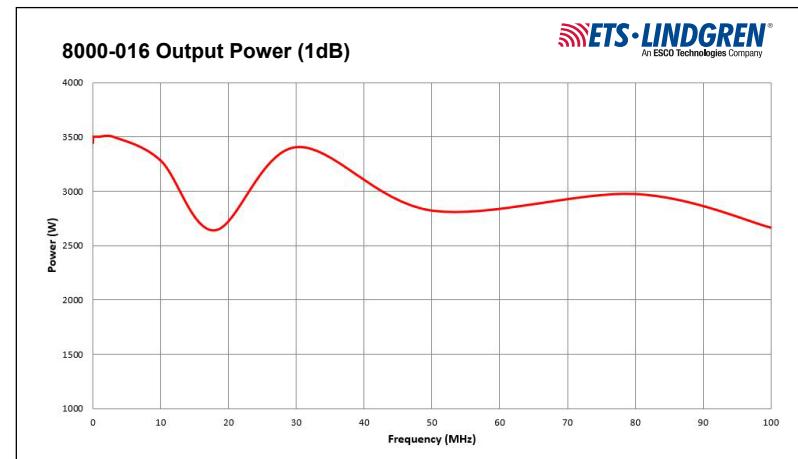
Frequency Range	10 kHz to 100 MHz
Nominal Output Power	3000 W
Gain Variation	± 3 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	3 Phase Options, Contact ETS-Lindgren
Supply Frequency Range	47/63 Hz
Line Power	< 11 kVA

Mechanical

Remote Interface	GPIB, USB, Ethernet
RF Connectors	Input: N (f) Output: 7/16 (f)

Physical

Dimensions	19 in, 25U Rack, 800 mm (34.6 in) Deep
Weight	291 kg (614.5 lb)



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