

RF POWER AMPLIFIERS MODEL 8000-026



ETS-Lindgren's Model 8000-026

RF Power Amplifier is a 2500W/1900W power amplifier, designed primarily for EMC applications that include ISO 11451-2, 100 V/m. Utilizing Silicon MOSFET design, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8000-026 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	10 kHz to 250 MHz
Nominal Output Power	10 kHz to 100 MHz, 2500W 100 MHz to 250 MHz, 2500W to 1900W
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 kVA
Mechanical	
Remote Interface	GPIO
RF Connectors	Input Type N, Output 7/16
Physical	
Dimensions	19 in, 34U Rack, 800 mm (34.6 in) Deep
Weight	291.0 kg (641.6 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors

MODEL 8000-026

- ISO 11451-2, 100 V/m
- High Reliability MOSFET Design
- Excellent Performance and Efficiency
- Safety Interlock

Typical Output Power at 1 dB Compression

