

RF POWER AMPLIFIERS MODEL 8000-026

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Utilizing GaAs technology, 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.

Key Features

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

Specifications

Electrical 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

Physical Specifications

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

Typical Output Power
at 1 dB Compression

