

RF Power Amplifiers Model 8100-043



ETS-Lindgren's Model 8100-043 RF Power Amplifier is a 60/150W power amplifier, designed primarily for EMC applications.



Key Features

4 kHz to 400 MHz, 60/150W

High Reliability

Excellent Performance and Efficiency

Safety Interlock

ETS-Lindgren's Model 8100-043 RF Power Amplifier is a 60/150W power amplifier, designed primarily for EMC applications. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-043 provides very low distortion and tolerance for 100% mismatch.

Specifications

View the RF Power Amplifiers Model 8100-043 technical specifications below

Physical Specifications

Dimensions: 19 in, 3U Case, 550 mm (27.1 in) Deep

Weight: 27.0 kg (59.6 lb)

Case Style (Standard): Rack Mount with Rear Panel Connectors

Case Style (Optional): Bench Mount with Front Panel Connectors

Electrical Specifications

Frequency Range: 4 kHz to 400 MHz

Nominal Output Power:

- 60/150W
- 4 kHz to 9 kHz: 60W
- 9 kHz to 400MHz: 150W

Gain Variation: 4 kHz to 9 kHz 3, 9 kHz to 400 MHz 2

Harmonics: -20 dBc Maximum

Output Impedance: 50

Input VSWR: 2:1 Maximum

AC Supply: 200/240 VAC 10% Single Phase

Supply Frequency Range: 47/63 Hz

Line Power: 1000 VA

Product Options

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