

RF POWER AMPLIFIERS MODEL 8100-041



MODEL 8100-041

- 700 MHz to 6 GHz
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8100-041 RF Power Amplifier is a 25 W power amplifier, designed primarily for EMC and general RF applications that require at least 25 W from 700 MHz to 6 GHz. Utilizing GaAs technology, this RF amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-041 provides very low distortion and tolerance for 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	700 MHz to 6 GHz
Nominal Output Power	25 W
Gain Variation	± 3 dB
Harmonics	-15 dBc Minimum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	100 to 240 VAC Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 500 VAC
Mechanical	
Remote Interface	GPIB, LAN
RF Connectors	Type N (f)
Physical	
Dimensions	19 in, 2U Case, 430 mm (17 in) Deep
Weight	13.0 kg (28.0 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors