

RF POWER AMPLIFIERS MODEL 8100-123



ETS-Lindgren's Model 8100-123 RF Power Amplifier is a 100 W power amplifier, designed primarily for EMC Immunity testing. Utilizing GaAs technology, this Solid State amplifier provides high linearity, rugged design and better efficiency performance versus silicon-based products.

The 8100-123 provide very low distortion and tolerance for 100 % mismatch.

MODEL 8100-123

- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

Technical Specifications

Electrical	
Frequency Range	4 GHz to 8 GHz
Nominal Output Power	100W
Gain Variation	± 3 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	200 to 240 VAC
Supply Frequency Range	50/60 Hz
Line Power	< 2500 kVA
Mechanical	
Remote Interface	GPIB, Ethernet, USB
RF Connectors	Type N (f)
Physical	
Dimensions	19 in, 5U Case, 630 mm (24.8 in) Deep
Weight	45 kg (99 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors