

RF POWER AMPLIFIERS MODEL 8100-115



ETS-Lindgren's Model 8100-115 RF Power Amplifier is a 10W power amplifier, designed primarily for EMC applications that include MIL-STD 461 RS 103, 100 V/m requirements. This Solid State Microwave amplifier provides higher linearity, rugged design and better efficiency performance versus silicon-based amplifiers.

The 8100-115 provides very low distortion and tolerance for 100% mismatch.

MODEL 8100-115

- MIL-STD 461 RS 103, 100 V/m
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

Technical Specifications

Electrical	
Frequency Range	26 GHz to 40 GHz
Nominal Output Power	10 W Minimum
Gain Variation	± 6 dB
Harmonics	20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	100 to 240 VAC, 10% Single Phase
Supply Frequency Range	50/60 Hz
Line Power	< 650 VA
Mechanical	
Remote Interface	GPiB, Ethernet, USB
RF Connectors	Type N (f)
Physical	
Dimensions	19 in, 2U Case, 430 mm (17.0 in) Deep
Weight	15.0 kg (33 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount, Front Panel Connectors