

RF POWER AMPLIFIERS MODEL 8100-158



MODEL 8100-158

- MIL-STD 461, RS103
- High Reliability MOSFET Design
- Excellent Performance and Efficiency
- Safety Interlock

ETS-Lindgren's Model 8100-158 RF Power Amplifier is a member of our family of 80 to 1000 MHz high power amplifiers, designed primarily for EMC applications. The amplifier can be controlled from either the front panel or remote control via the Ethernet, USB and GPIB interfaces.

The amplifier operates in Class A, the benefits for EMC applications being very low distortion and tolerance of 100% mismatch.

Technical Specifications

Electrical	
Frequency Range	80 to 1000 MHz
Nominal Output Power	2000 W
Gain Variation	± 2 dB
Harmonics	-20 dBc Maximum
Output Impedance	50 Ω
Input VSWR	2:1 Maximum
AC Supply	3 x 400 VAC
Supply Frequency Range	47/63 Hz
Line Power	< 1.70 kVA
Mechanical	
Remote Interface	GPIB, LAN, Ethernet
RF Connectors	Input: N (f) Output: 1-5/8 EIA
Physical	
Dimensions	19 in, 24U Rack, 800 mm (34.6 in) Deep
Weight	320 kg (705.4 lb)