

RF POWER AMPLIFIERS MODEL 8100-058



ETS-Lindgren's Model 8100-058 TWT RF Power Amplifier is a 250 W power amplifier, designed primarily for EMC applications that include MIL-STD 461 and DO-160 requirements.

The 8100-058 provides very low distortion and tolerance for 100% mismatch.

MODEL 8100-058

- MIL-STD 461 and DO-160
- High Reliability
- Excellent Performance and Efficiency
- Safety Interlock

Technical Specifications

Electrical

Frequency Range	8 GHz to 18 GHz
Nominal Output Power	250 W
Gain Variation	± 7.5 dB
Harmonics	-8 dBc Maximum
Output Impedance	50 Ω
Input VSWR	<2:1 Typical
Load VSWR	2:1 Maximum
AC Supply	220 to 240 VAC, 50 to 60 Hz
Line Power	1500 VA
Spurious	- 50 dBc (Excluding Harmonics)

Mechanical

RF Connectors	Input: N(f), Output: WRD 750
---------------	------------------------------

Physical

Dimensions	19 in, 5U Case, 630 mm (24.8 in) Deep
Weight	45.0 kg (99 lb)
Case Style (Standard)	Rack Mount with Rear Panel Connectors
Case Style (Optional)	Bench Mount with Front Panel Connectors