

GENERAL CHARACTERISTICS

Electrical

Filament — Bonded Thorium	
Voltage	6.3 Volts
Current	4 Amperes
Amplification Factor	170

Direct Interelectrode Capacitances:	
Grid Plate	6 uuf
Grid Filament	5.9 uuf
Plate Filament	.8 uuf

MAXIMUM RATINGS

Audio Frequency Power Amplifier and Modulator Class B	
D.C. Plate Voltage	2,750 V
Max Signal DC Plate Current	225 ma
Max Signal Plate Input	600 W
Plate Dissipation	160 W

R.F. Power Amplifier and Oscillator — Class C Telegraphy	
D.C. Plate Voltage	2,000 V
D.C. Plate Current	200 ma
D.C. Grid Voltage	-200 V
D.C. Grid Current	50 ma
Plate Input	400 W
Plate Dissipation	100 W

Plate Modulated R.F. Power Amplifier — Class C Telephony	
D.C. Plate Voltage	1,650 V
D.C. Plate Current	165 ma
D.C. Grid Voltage	-200 V
D.C. Grid Current	50 ma
Plate Input	270 W
Plate Dissipation	65 W

TYPICAL OPERATION

Information available upon request.

* Direct Replacement for 811A



