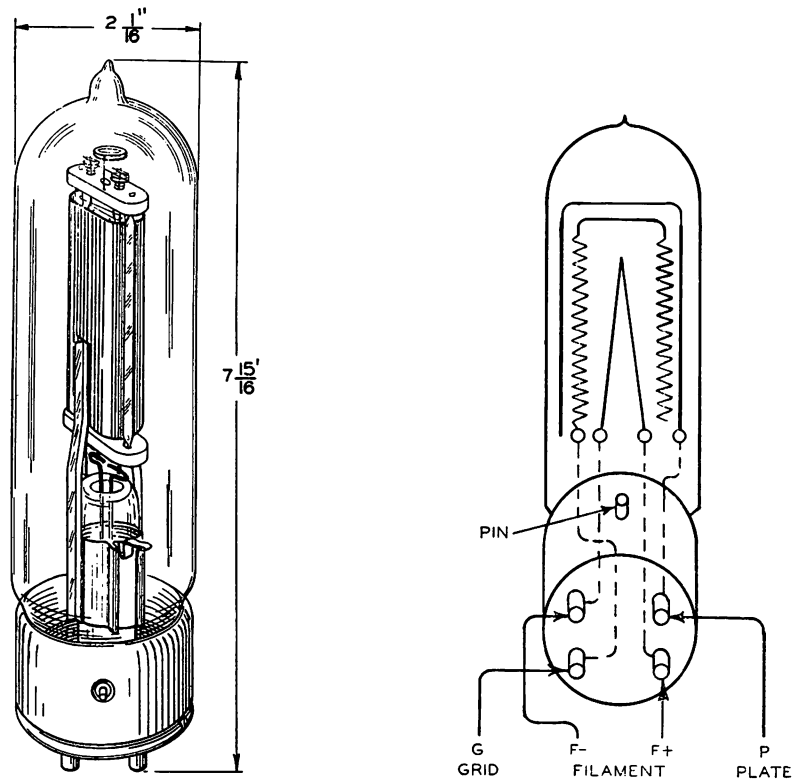


211-D Vacuum Tube

Used with Western Electric Vacuum Tube Socket No. 112-A.



USE — AMPLIFIER — OSCILLATOR — MODULATOR

Normal filament current.....	3 amperes
Normal filament voltage.....	10 volts
Normal plate current for plate voltage 750 volts and grid voltage—30 volts.....	65 milliamperes
Normal plate voltage.....	750 to 1000 volts
Normal grid voltage.....	—30 to —60 volts
Average plate to filament impedance.....	3000 to 4000 ohms
Maximum safe continuous dissipation by plate.....	65 watts
Maximum safe intermittent dissipation by plate.....	100 watts
Output as unmodulated oscillator.....	50 watts
Inter-electrode Capacitances	
Grid to filament.....	6.3 mmf.
Grid to plate.....	9.0 mmf.
Plate to filament.....	3.6 mmf.
Amplification constant.....	11 to 13

NOTE

This tube replaces the 211-A tube (except in 10-A Amplifier) and is interchangeable with it, except that it operates at a lower filament current. It has a longer life. For maximum useful life the filament voltage should be kept as low as possible to secure the desired output and should not exceed 10%, since an increase of 10% in the voltage may shorten the life by as much as 50%.

The discoloration of the bulb is due to a manufacturing process and has no effect on the operation of the tube.