

Taylor



Tubes

A
CARBON ANODE
GENERAL PURPOSE
TRIODE



211
100 WATTS PLATE DISSIPATION
CARBON ANODE
\$12.50

The Taylor 211 Type tube is a general purpose triode transmitting tube suitable for use as an oscillator, R. F. Power Amplifier modulator and Class A Audio Amplifier. Both grid and plate leads are brought out through side of stem instead of press, thereby preventing punctures and dielectric losses because of close spaced leads in press, as is the case in other 211 type tubes.

GENERAL CHARACTERISTICS TYPE 211

Filament Voltage, volts.....	10
Filament Current, amps.....	3.85
Plate Resistance, ohms.....	3400
Mutual Conductance, uMhos.....	3530
Amplification Factor.....	12
Thoriated Tungsten Filament.	

OVERALL DIMENSIONS

Maximum Length, inches.....	7½
Maximum Diameter, inches.....	2½

INTERELECTRODE CAPACITIES

Plate to Grid, mmf.....	14
Grid to Filament, mmf.....	7
Plate to Filament, mmf.....	6

CLASS "C" OSC. AND POWER AMP.

Max. Operating Plate Volts	
Unmodulated D.C., volts.....	1500
Modulated D.C., volts.....	1250
Max. D.C. Plate Current, amps.....	.175
Max. DC Grid Current, amps.....	.050
Max. Plate Dissipation, watts.....	100
Max. R.F. Grid Current, amps.....	7
Max. R.F. Output, watts.....	100

NORMAL OPERATION

$E_p = 1000$	$E_g = -180$	$E_f = 10$
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* Although this tube can be used as a Class "B" A.F. Modulator we recommend that tubes of a higher amplification factor such as the 203-A be used instead of the 211.

The 211 type tube is being used by practically all the leading manufacturers of Diathermy apparatus in portable equipment operating on wavelengths from 17 to 31 meters. The Taylor 211 replaces other type 211 tubes in Audio Amplifiers and transmitters. The super structure and heavier filament insures long life where uninterrupted service is desirable.

A condenser with a maximum capacity of 25 mmf and a voltage break-down rating of 3000 volts is necessary to neutralize a type 211 tube. Do not place neutralizing condenser in R.F. field of tank circuit.

Taylor Tubes are conservatively rated as to plate dissipation. The maximum D.C. Grid Mil rating does not mean that the tube requires that amount to fully excite it; it means that the tube can be over-excited to that maximum rating without injury to the tube.

The maximum rated plate current may be increased at reduced plate voltages.

CARBON ANODE

Length 2¼ inches

Width 1½ inches

CARBON ANODES
PRODUCE
More Watts Per Dollar