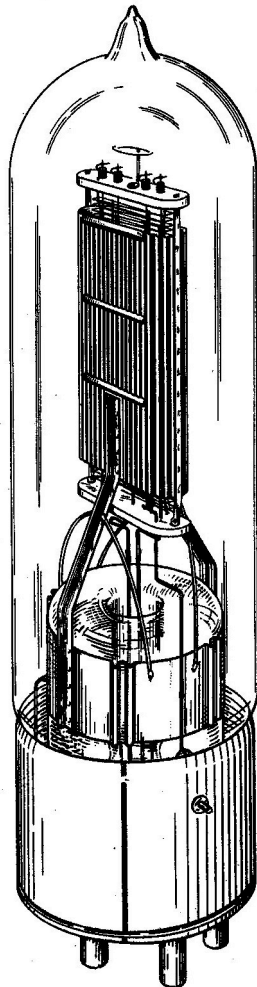


Type 212D / Type D88526 / CW1819B



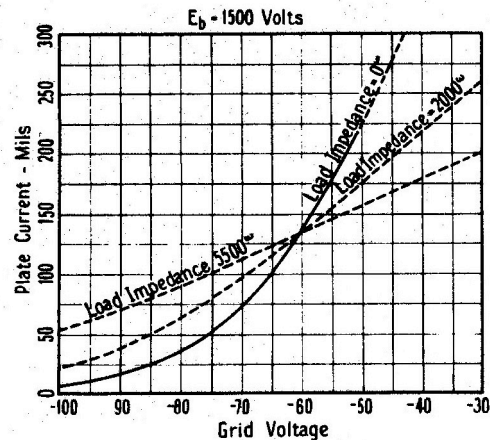
212D VACUUM TUBE

SCALE - THREE-EIGHTH SIZE

CHARACTERISTICS OF VACUUM TUBES

212D

(3 ELECTRODE FILAMENT TYPE)



Constants

$E_f = 14$ Volts AC or DC
 $I_f = 60$ Amps.
 $\mu = 16$
 Max. Safe $E_b = 2000$ Volts
 Max. Plate Power = 200 Watts
 Rated Output as OSC. = 250 Watts

Typical Values for Use as Amplifier

$E_b = 1500$ Volts
 $E_c = -60$ Volts
 $I_b = 130$ Mils
 $r_p = 2000$ Ohms
 Gain = 43 db
 * Output Power = 45 Watts
 Average Life = 1000 Hrs.

* For this figure a Load impedance of 5500 ohms was assumed instead of a value equal to r_p .

The above data is from AT+T Department of Development and Research Bulletin No. 615, Dec 2, 1932.

Manufacturing specifications for the 212D were issued in 1925, and manufacture was discontinued in 1937.

The D88526 dates from 1929. It is similar to the 212D, except it has 23/39 the grid turns (about a μ of 10).

CW1819B was the US Navy type number.