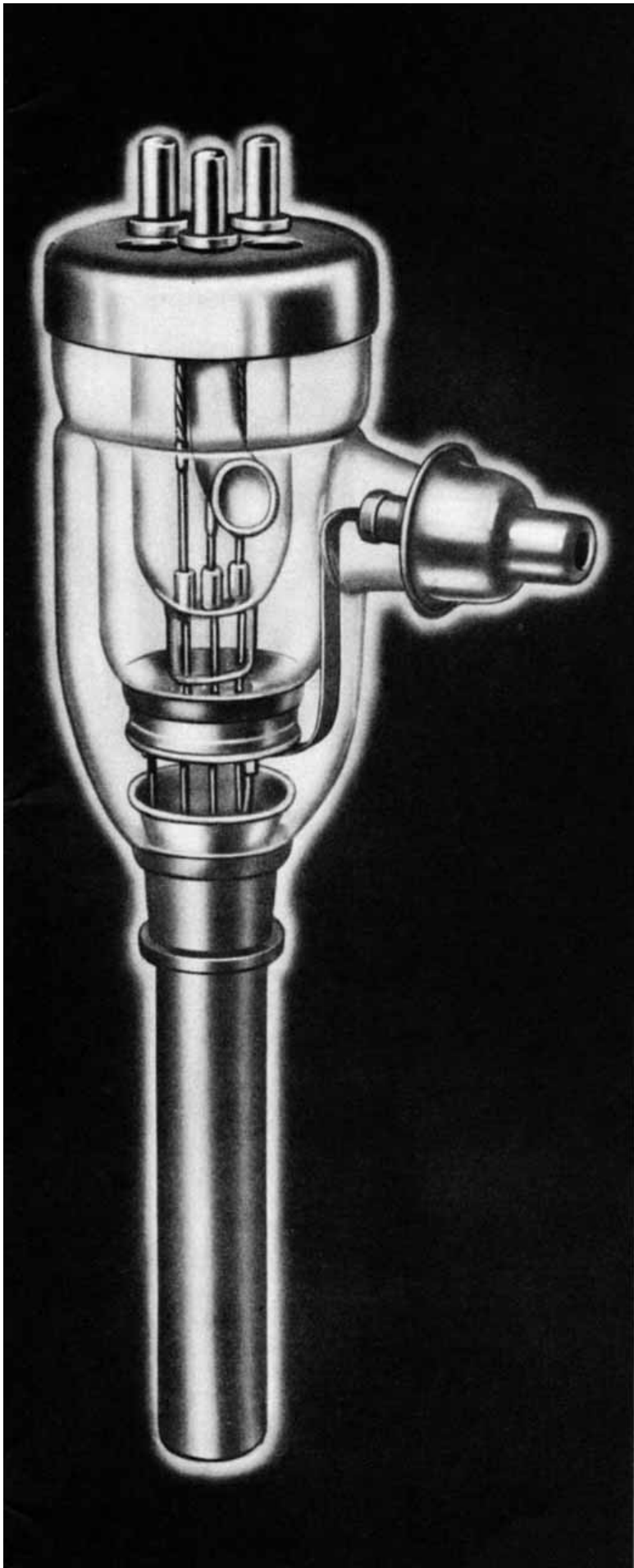


FEDERAL

F-328-B TRANSMITTING TUBE



TECHNICAL DATA

Main Use	R-F Power Amplifier, Class B Modulator	
Number of Electrodes	3	
Filament	Voltage	21.5 volts
	Current	41 amperes
	Type	Tungsten, Two-Unit
	Excitation	D-C, Single or Two Phase A-C
Thermionic Emission	7.5 amperes	
Average Characteristic Values calculated at $E_b = 5000$, $I_b = 0.9$ amperes, $E_f = 21.5$ volts.		
	Grid Voltage (approximate)	—100 volts
	Amplification Factor	16
	Mutual Conductance	6500 micromhos
	Plate Resistance	2500 ohms
Approximate Direct Inter-electrode Capacitances		
	Plate to Grid	28 mmf.
	Grid to Filament	20 mmf.
	Plate to Filament	3 mmf.
Type of Cooling	Water	
Water Jacket	Standard or Federal Type 1006-A	

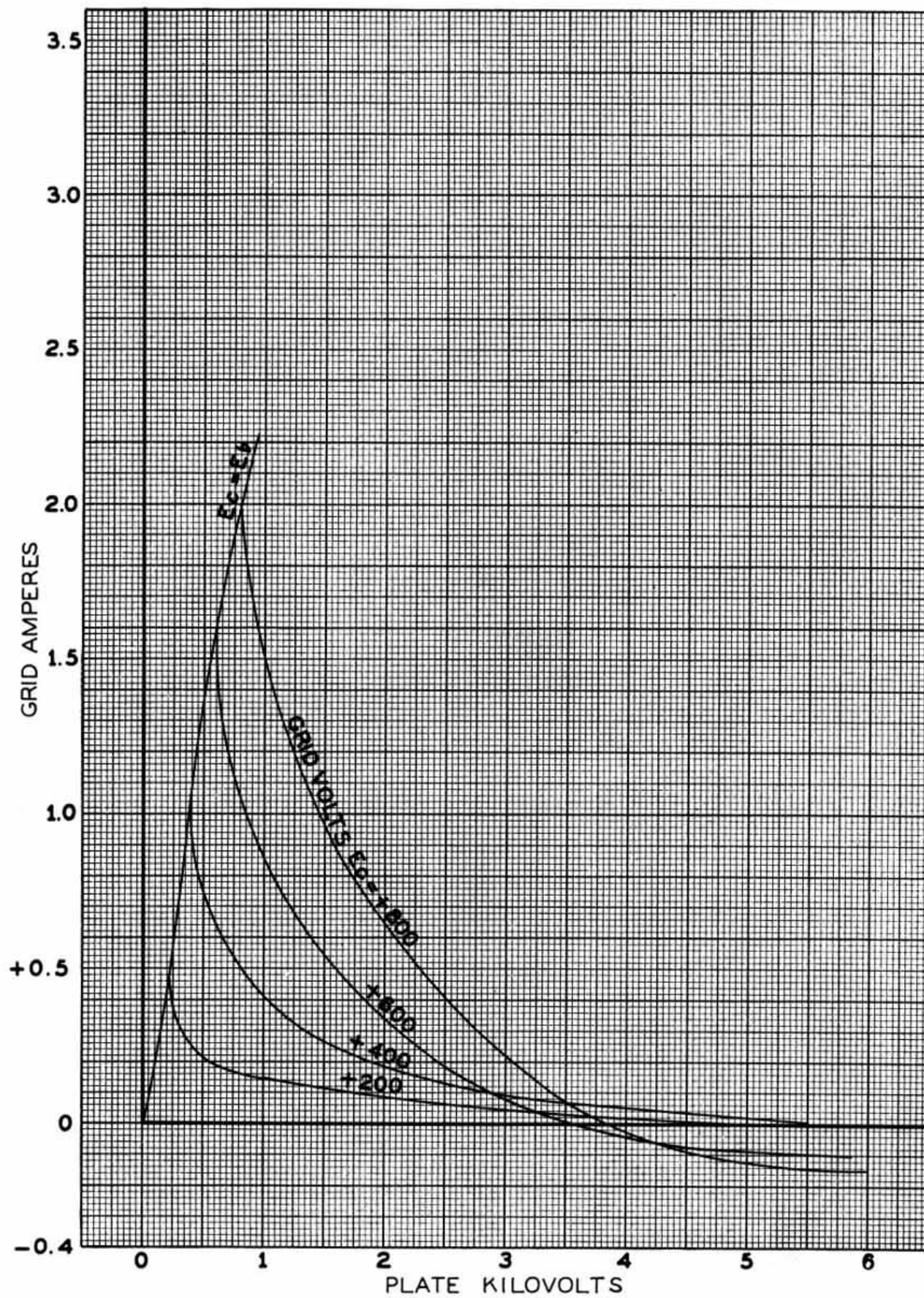
The information above and in the following pages by no means represents exact conditions of operation to be imposed for any particular situation. Since tubes are used under many widely different conditions the manufacturer will gladly furnish information regarding characteristics for design purposes.

Manufactured by

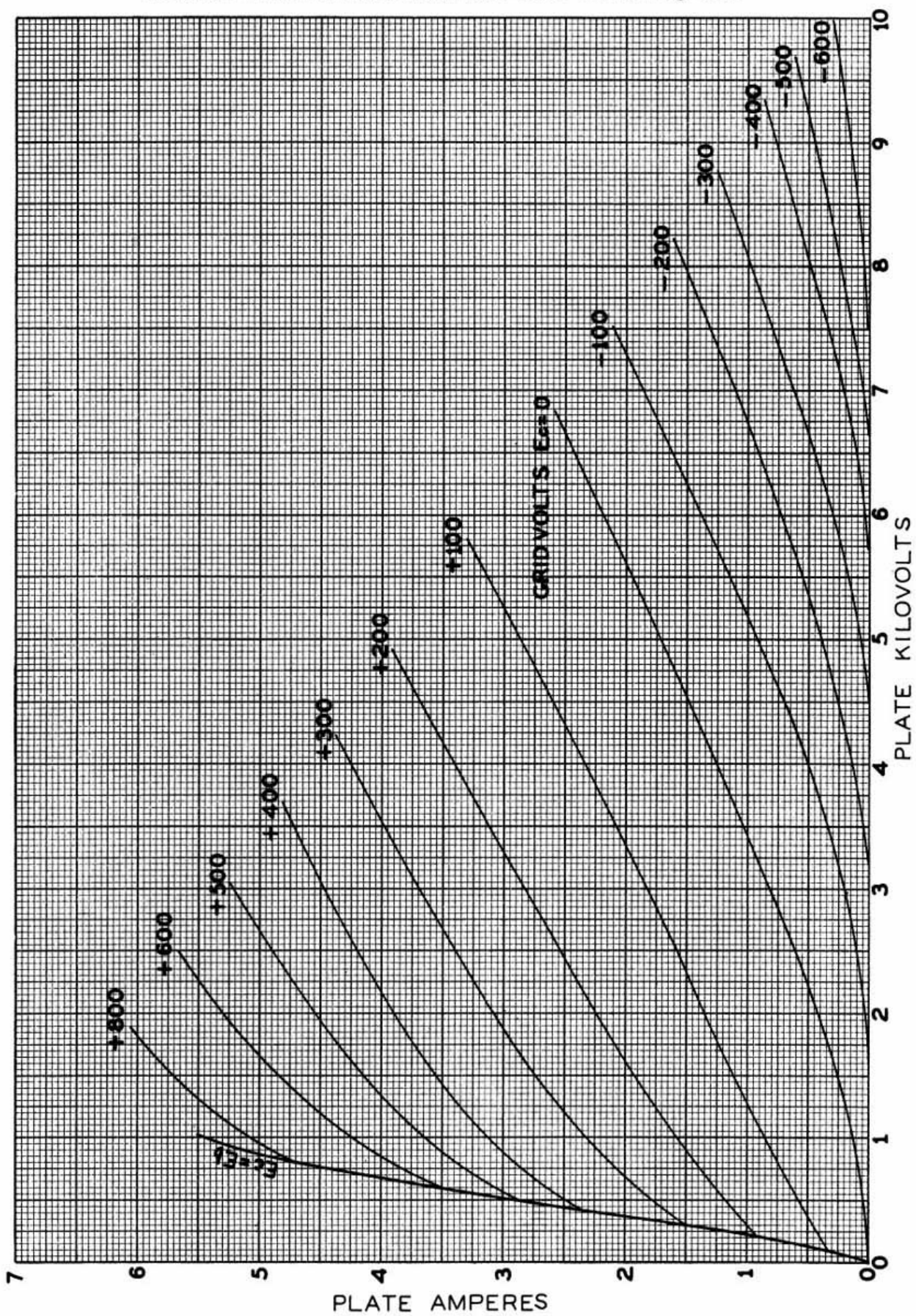
FEDERAL TELEGRAPH CO.

200 Mt. Pleasant Avenue Newark, N. J., U. S. A.

AVERAGE GRID CHARACTERISTICS F-328-B Transmitting Tube



AVERAGE PLATE CHARACTERISTICS F-328-B Transmitting Tube



F-328-B Transmitting Tube

CLASS B AUDIO AMPLIFIER OR MODULATOR

CLASS B R-F POWER AMPLIFIER—TELEPHONY

(Carrier conditions per tube for use with modulation factor up to 1.0)

CLASS C R-F POWER AMPLIFIER—TELEPHONY—PLATE MODULATED

Dimensional Data