

RCA Type	Name	Out- line	Terminal Dia- gram	Heater or Filament (F)		Use Values to right give operat- ing conditions and character- istics for indicated typical use
				Volts	Amperes	
<b>6FG6/ EM84</b>	Refer to type EM84/6FG6					
<b>6FJ7</b>	Medium-Mu Dual Triode	8B	12BM	6.3	0.9	Unit No. 1 as Class A Amplifier Unit No. 2 as Class A Amplifier
<b>6FM8</b>	Twin Diode— High-Mu Triode	6B	9KR	6.3	0.45	Triode Unit as Class A Amplifier
<b>6FQ5A</b>	High-Mu Triode	5C	7FP	6.3	0.18	Class A Amplifier
<b>6FQ7</b>	Medium-Mu Twin Triode	6E	9LP	6.3	0.6	Each Unit as Class A Amplifier
<b>6FV6</b>	Sharp-Cutoff Tetrode	5C	7FQ	6.3	0.2	Class A Amplifier
<b>6FV8</b>	Medium-Mu Triode—Sharp-Cutoff Pentode	6B	9FA	6.3	0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
<b>6FV8A</b>	Medium-Mu Triode Sharp-Cutoff Pentode	6B	9FA	6.3	0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
<b>6FW5</b>	Beam Power Tube	19B	6CK	6.3	1.2	Horizontal Deflection Amplifier
<b>6FW8</b>	Medium-Mu Twin Triode	6B	9AJ	6.3	0.4	Each Unit as Class A Amplifier
<b>6FY5/ EC97</b>	High-Mu Triode	5C	7FP	6.3	0.2	Class A Amplifier
<b>6G6G</b>	Power Pentode	22	7S	6.3	0.15	Pentode Class A Amplifier
<b>6G11</b>	Beam Power Tube—Sharp-Cutoff Pentode	8B	12BU	6.3	1.2	Beam Power Unit as Class A Amplifier Pentode Unit as Class A Amplifier
<b>6GB5</b>	Beam Power Tube	10E	9NH	6.3	1.38	Horizontal Deflection Amplifier
<b>6GF5</b>	Beam Power Tube	8D	12BJ	6.3	1.2	Horizontal Deflection Amplifier
<b>6GF7</b>	Dual Triode	11A	9QD	6.3	0.985	Vertical Deflection Oscillator Vertical Deflection Amplifier
<b>6GH8</b>	Medium-Mu Triode—Sharp-Cutoff Pentode	6B	9AE	6.3	0.45	Triode Unit as Horiz. Defl. Osc. Pentode Unit as Horiz. Defl. Osc.
<b>6GJ5</b>	Novar Beam Power Tube	18A	9QK	6.3	1.2	Horizontal Deflection Amplifier
<b>6GJ7</b>	Medium-Mu Triode— Sharp-Cutoff Pentode	6J	9QA	6.3	0.41	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
<b>6GJ8</b>	Medium-Mu Triode—Sharp-Cutoff Pentode	6B	9AE	6.3	0.6	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
<b>6GL7</b>	Dual-Triode	13B	8BD	6.3	1.05	Unit 1 as Class A Amplifier Unit 2 as Class A Amplifier
<b>6GM5</b>	Power Pentode	10D	9MQ	6.3	0.8	Class A Amplifier
<b>6GQ7</b>	Triple Diode	6B	9QM	6.3	0.45	Each Unit as Half-Wave Rectifier
<b>6GT5</b>	Beam Power Tube	17B	9NZ	6.3	1.2	Horizontal Deflection Amplifier
<b>6GU5</b>	Beam Hexode	5C	7GA	6.3	0.22	Class A Amplifier
<b>6GV8</b>	High-Mu Triode— Power Pentode	6G	9LY	6.3	0.9	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
<b>6GW6</b>	Beam Power Tube	20A	6AM	6.3	1.2	Horizontal Deflection Amplifier
<b>6GX6</b>	Sharp-Cutoff Pentode	5C	7EN	6.3	0.45	Class A Amplifier

Plate Volts	Grid Bias or Cathode Resistor	Screen Grid Volts	Screen Grid Cur- rent mA	Plate Cur- rent mA	AC Plate Resist- ance Ohms	Trans- conduc- tance Micromhos	Amplifi- cation Factor	Power		RCA Type
								Load Ohms	Out- put Watts	
										6FG6/ EM84
250	—8	—	—	8	8000	2500	22.5	—	—	6FJ7
250	—9.5	—	—	41	2000	7700	15.4	—	—	6FJ7
250	—3	—	—	1	58000	1200	70	—	—	6FM8
135	— 1.2	—	—	8.9	6300	12000	74	—	—	6FQ5A
250	— 8V	—	—	9	7700	2600	20	—	—	6FQ7
125	—1	80	1.5	10	100000	8000	—	—	—	6FV6
125	— 1V	—	—	14	5000	8000	40	—	—	6FV6
125	— 1V	125	4	12	200000	6500	—	—	—	6FV8
125	— 1	—	—	12	5600	8000	45	—	—	6FV8A
125	— 1	125	4	12	20000	6500	—	—	—	6FV8A
Max. DC Plate Volts, 770 Max. DC Cathode mA, 610					Max. Peak Positive-Pulse Plate Volts, 6500 Max. Plate Dissipation, 18 watts					6FW5
100	1.2V	—	—	15	2500	13000	33	—	—	6FW8
135	—1V	—	—	11	—	13000	70	—	—	6FY5/ EC97
180	— 9V	180	2.5	15.0	175000	2300	—	10000	1.1	6G6G
120	— 8V	110	4	49	10000	7500	—	2500	2.3	6G6G
150	150Ω	150	3.5	15	20000	9500	—	—	—	6G11
Max. DC Plate Volts, 275 Max. DC Cathode mA, 275					Max. Peak Positive-Pulse Plate Volts, 7700 Max. Plate Dissipation, 17 watts					6GB5
Max. DC Plate Volts, 770 Max. DC Cathode mA, 160					Max. Peak Positive-Pulse Plate Volts, 5000 Max. Plate Dissipation, 9 watts					6GF5
Max. DC Plate Volts, 330 Max. DC Cathode mA, 22					Max. Plate Dissipation, 1.5 watts					6GF7
Max. DC Plate Volts, 330 Max. DC Cathode mA, 50					Max. Peak Positive-Pulse, Plate Volts, 1500 (Abs.) Max. Plate Dissipation, 11 watts					6GF7
Max. DC Plate Volts, 330					Max. Plate Dissipation, 2.5 watts					6GH8
Max. DC Plate Volts, 350 Max. Peak Neg.-Pulse Grid Volts, 175			Max. Peak Cathode mA, 300 Max. DC Cathode mA, 20			Max. Plate Dissipation, 2.5 watts				6GH8
250	—22.5V	150	2.1	70	15000	7100	—	—	—	6GJ5
100	— 3V	—	—	15	—	9000	20	—	—	6GJ5
170	— 1.2V	120	3	10	350000	11000	Ampl. Factor, 55 (Grid No. 2 to Grid No. 1)		6GJ7	
125	— 1V	—	—	13.5	5000	8500	40	—	—	6GJ7
125	— 1V	125	4.5	12	150000	7500	—	—	—	6GJ8
250	—3V	—	—	2	30000	2200	66	—	—	6GL7
175	—25V	—	—	46	780	6400	5	—	—	6GL7
300	—10V	300	8	60	29000	10200	—	3000	11	6GM5
Max. Peak Inverse Volts, 330 Max. RMS Plate Volts, 117 Max. Peak Plate mA, 54					Max. DC Average mA, 9 Min. Total Effective Plate Supply Impedance, 300 ohms					6GQ7
Max. DC Plate Volts, 770 Max. DC Cathode mA, 175 Max. Plate Dissipation, 17.5 watts					Max. Peak Neg.-Pulse Grid-No. 1 Volts, — 330 Max. Grid-No. 2 Volts, 220 Max. Peak Positive-Pulse Plate Volts, 6500					6GT5
135	—0.4V	—	—	9	67000	15000	—	—	—	6GU5
100	— 0.8V	—	—	5	7600	6500	50	—	—	6GU5
170	—15	170	2.7	41	25000	7500	—	—	—	6GV8
250	—22.5V	150	2.1	70	15000	7100	—	—	—	6GW6
150	180Ω	100	3	3.7	140000	3700	(Grid No. 1 to plate)		6GX6	