

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	
5V6GT	Beam Power Tube	13D	7AC	4.7	0.6	Class A Amplifier
5W4	Full-Wave Rectifier	2B	5T	5.0F	1.5	With Capacitive-Input Filter
5W4GT		13E	5T			
5X4G	Full-Wave Rectifier	27B	5Q	5.0F	3.0	
5Y4G	Full-Wave Rectifier	25	5Q	5.0F	2.0	
5Y4GA		19E	5Q			
5Y4GT		13E	5Q			
5Z3	Full-Wave Rectifier	27B	4C	5.0F	3.0	
						With Capacitive-Input Filter
5Z4	Full-Wave Rectifier	2B	5L	5.0	2.0	
						With Inductive-Input Filter
6A3	Power Triode	27B	4D	6.3F	1.0	Amplifier
6A6	High-Mu Twin Power Triode	28	7B	6.3	0.8	Amplifier
6A7	Pentagrid Converter	24B	7C	6.3	0.3	Converter
6A7S		24B				
6A8	Pentagrid Converter	3	8A	6.3	0.3	Converter
6A8G		23	8A			
6A8GT		14A	8A			
6AB5/ 6N5	Electron-Ray Tube	22 or 13H	6R	6.3	0.15	Visual Indicator
6AB7	Sharp-Cutoff Pentode	2A	8N	6.3	0.45	Class A Amplifier Class B Amplifier
6AC5GT	High-Mu Power Triode	13D	6Q	6.3	0.4	Dynamic-Coupled Amplifier With 76 Driver
6AC7	Sharp-Cutoff Pentode	2A	8N	6.3	0.45	Class A Amplifier
6AD6G	Electron-Ray Tube	29E	7AG	6.3	0.15	Visual Indicator
6AD7G	Low-Mu Triode—Power Pentode	25	8AY	6.3	0.85	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
6AE5GT	Low-Mu Triode	13D	8Q	6.3	0.3	Class A Amplifier
6AE6G	Twin-Plate Control Tube	22	7AH	6.3	0.15	Remote Cutoff Triode Sharp-Cutoff Triode
6AE7GT	Twin-Input Triode	13D	7AX	6.3	0.5	Class A Amplifier
6AG7Y*	Power Pentode	2B	8Y	6.3	0.65	Class A Amplifier
6AG11	Twin Diode—Twin Triode	8A	12DA	6.3	0.75	Each Triode as Class A Amplifier
6AH4GT	Low-Mu Triode	13D	8EL	6.3	0.75	Vertical Deflection Amplifier
6AH6	Sharp-Cutoff Pentode	5C	7BK	6.3	0.45	Class A Amplifier
						Triode Unit as Class A Amplifier
6AH9	Medium-Mu Triode— Sharp-Cutoff Pentode	8B	12HJ	6.3	0.9	Pentode Unit as Class A Amplifier
6AJ8/ ECH81	Triode-Heptode Converter	9CA	6E	6.3	0.3	Triode Unit as Oscillator Heptode Unit as Mixer
6AK8/ EABC80	Triple Diode— High-Mu Triode	6E	9E	6.3	0.45	Triode Unit as Class A Amplifier
6AK10	High-Mu Triple Triode	8C	12FE	6.3	0.9	Each Unit as Class A Amplifier
6AL3	Half-Wave Rectifier	7D	9CB	6.3	1.55	Television Damper Service

Plate	Grid Bias or Cathode Resistor	Screen Grid	Screen Grid Current	Plate Current	AC Plate Resistance	Trans-conductance	Amplification Factor	Power		RCA Type	
								Load	Output		
Volts		Volts	mA	mA	Ohms	Micromhos		Ohms	Watts		
For other characteristics, refer to Type 6V6GT										5V6GT	
Max. Peak Inverse Volts, 1400				Max. DC Output mA, 100			Max. Peak Plate mA, 300			5W4 5W4GT	
For other ratings, refer to Type 5U4G										5X4G	
Max. Peak Plate mA, 375 (5Y4G)				For other ratings, refer to Type 5Y3G						5Y4G 5Y4GA 5Y4GT	
For other ratings, refer to Type 5U4G										5Z3	
Max. AC Volts per Plate (RMS), 350		Max. DC Output mA, 125		Min. Total Effect Supply Imped. per Plate, 50 ohms							
Max. Peak Inverse Volts, 1400		Max. Peak Plate mA, 375									5Z4
Max. AC Volts per Plate (RMS), 500		Max. DC Output mA, 125		Min. Value of Input Choke, 5 henries							
Max. Peak Inverse Volts, 1400		Max. Peak Plate mA, 375									6A3
For other characteristics, refer to Type 6B4G										6A6	
For other characteristics, refer to Type 6N7GT										6A7 6A7S	
For other characteristics, refer to Type 6A8										6A8 6A8G 6A8GT	
250	-3V	100	2.7	3.5	360000		Anode-Grid (2): 250 max. V, 4.0 mA Oscillator-Grid (1) Res. Conversion Transcond., 550 μmhos				
Plate & Target Supply = 135 volts. Triode Plate Resistor = 0.25 MΩ Target Current = 2.0 mA Grid Bias, -10.0 volts; Shadow Angle, 0°. Bias, 0 volts; Angle, 90°; Plate Current, 0.5 mA.										6AB5/ 6N5	
Plate & Target Supply = 135 volts. Triode Plate Resistor = 1.0 MΩ Target Current = 1.9 mA Grid Bias, -15.5 volts; Shadow Angle, 0°. Bias, 0 volts; Angle, 90°; Plate Current, 0.13 mA											
300	-3V	200	3.2	12.5	700000	5000				6AB7	
250	0V			5.0				10000	8.0†		
250	Bias for both 6AC5GT and 76 is developed in coupling circuit Average Plate Current of Driver = 5.5 milliamperes Average Plate Current of 6AC5GT = 32 milliamperes							7000	3.7	6AC5GT	
300	160Ω	150	2.5	10.0	1 M	9000				6AC7	
Target Voltage, 150 volts. Control-Electrode Voltage, -50 volts; Shadow Angle, 135°; Target Current, 1.2 mA Control-Electrode Voltage, 75 volts; Angle, 0°; Target Current, 3 mA										6AD6G	
250	-25V			3.7	19000	325	6			6AD7G	
250	-16.5V	250	6.5	34.0	80000	2500		7000	3.2		
95	-15V			7.0	3500	1200	4.2			6AE5GT	
250	-1.5V			6.5	25000	1000	25				
250	-35V			0.01							
250	-1.5V			4.5	35000	950	33			6AE6G	
250	-9.5V			0.01							
250	-13.5V			10.0	4650	3000	14			6AE7GT	
For other characteristics, refer to Type 6AG7										6AG7Y*	
125	-1V			7.5	8500	7800	66			6AG11	
Max. DC Plate Volts, 500				Max. Peak Positive-Pulse Plate Volts, 2000			Max. Plate Dissipation, 7.5 watts				
Max. DC Cathode mA, 60											6AH4GT
300	160Ω	150	2.5	10.0	500000	9000				6AH6	
250	-9V			8	7300	2750	20				
250	122Ω	150	6	25	5500	21000				6AH9	
50	0	125	32	76							
250	Grid Res., 47000 ohms			4.5	Oscillator Grid Current, 200 μA					6AJ8/ ECH81	
250	-2V		6.7	3.25	1M	Conversion Transcond., 775 micromhos					
250	-3V			1	58000	1200	70			6AK8/ EABC80	
100	-1V			0.8	54000	1300	70				
200	230Ω			10	7500	7000	53			6AK10	
Max. Peak Inverse Plate Volts, 7500 (Abs.)				Max. Plate Dissipation, 5 watts			Max. Peak Heater-Cathode Volts, 6600				
Max. Peak Plate mA, 550											6AL3
Max. DC Plate mA, 220											

*† For two tubes at stated plate-to-plate load.

□ For two tubes.