RCA Type	Name	Outline	Terminal Diagram	Heater or Filament (F) Volts	Heater or Filament (F) Amperes	Use — Values to right give operating conditions and characteristics for indicated typical use
6B7 6B7S	Twin-Diode—Remote-Cutoff Pentode	24B 24B	7D	6.3	0.3	Pentode Unit as Amplifier
6B8	Twin-Diode—Semiremote-Cutoff Pentode	3	8E	6.3	0.3	Pentode Unit as Amplifier
6B8G	Twin Diode—Semiremote-Cutoff Pentode	23	8E	6.3	0.3	Pentode Unit as Class A Amplifier
6BA3	Half-Wave Vacuum Rectifier	30B	9HP	6.3	1.2	Television Damper Service
6BC5	Sharp-Cutoff Pentode	5C	7BD	6.3	0.3	Class A Amplifier
6BC7	Triple Diode	6B	9AX	6.3	0.45	Each Unit—Half-Wave Rectifier
★6BD4	Sharp-Cutoff Beam Triode	21C	8FU	6.3	0.6	Voltage-Control
★6BD4A	Sharp-Cutoff Beam Triode	21C	8FU	6.3	0.6	Voltage-Control
6BD6	Remote-Cutoff Pentode	5C	7BK	6.3	0.3	Class A Amplifier
6BD11	Dual Triode—Sharp-Cutoff Pentode	8B	12DP	6.3	1.05	Triode No. 1 as Class A Amplifier Triode No. 2 as Class A Amplifier Pentode Unit as Class A Amplifier
6BF5	Beam Power Tube	5D	7BZ	6.3	1.2	Class A Amplifier
6BF6	Twin-Diode—Medium-Mu Triode	5C	7BT	6.3	0.3	Triode Unit as Class A Amplifier
6BG6G 6BG6GA	Beam Power Tube	28B 21B	5BT 5BT	6.3	0.9	Horizontal Deflection Amplifier
6BH3 **6BH3A**	Half-Wave Rectifier	11D	9HP	6.3	1.6	Television Damper Service
6BH8	Medium-Mu Triode—Sharp-Cutoff Pentode	6E	9DX	6.3	0.6	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
6BJ3	Half-Wave Rectifier	8C	12BL	6.3	1.2	Television Damper Service
6BJ6A	Remote-Cutoff Pentode	5C	7CM	6.3	0.15	Class A Amplifier
6BJ7	Triple Diode	6B	9AX	6.3	0.45	Each Unit—Half-Wave Rectifier
6BK4 ★6BK4A	Beam Triode	21B	8GC	6.3	0.2	Voltage-Control
★6BK4B	Beam Triode	21B	8GC	6.3	0.2	Shunt Voltage Regulator
6BK5	Beam Power Tube	6E	9BQ	6.3	1.2	Class A Amplifier
6BK7A	Medium-Mu Twin Triode	6B	9AJ	6.3 6.3	0.45 0.45	Each Unit as Class A Amplifier
6BL4	Half-Wave Rectifier	13F	8GB	6.3	3.0	Television Damper Service
6BL7GT	Medium-Mu Twin Triode	13D	8BD	6.3	1.5	Vertical Deflection Amplifier
6BL8	Medium-Mu Triode—Sharp-Cutoff Pentode	6B	9DC	6.3	0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
6BN4	Medium-Mu Triode	5C	7EG	6.3	0.2	Class A Amplifier
6BN6	Beam Tube	5D	7DF	6.3	0.3	Limiter and Discriminator
6BQ6GT	Beam Power Tube	14D	6AM	6.3	1.2	Horizontal Deflection Amplifier
6BQ7	Medium-Mu Twin Triode	6B	9AJ	6.3	0.4	Each Unit as Class A Amplifier
6BR8	Medium-Mu Triode—Sharp-Cutoff Pentode	6B	9FA	6.3 6.3	0.45 0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier

★ See Safety Precautions at end of this section.

Plate Volts	Grid Bias or Cathode Resistor	Screen Grid Volts	Screen Grid Current mA	Plate Current mA	AC Plate Resistance Ohms	Transconductance Micromhos	Amplification Factor	Power Load Ohms	Power Output Watts	RCA Type
Input Triode: Plate Volts, 300 max; Grid Volts, 0; Plate mA, 8; AF Signal Volts (Peak), 21 Output Triode: Plate Volts, 300 max.; Plate mA, 45; Plate Res., 24000 ohms; Load Resistance, 7000 ohms; Power Output, 4 watts										6B7 6B7S
For other characteristics, refer to Type 12C8										**6B8**
250	— 3V	125	2.3	9	600000	1125	—	—	—	6B8G
Max. Peak Inverse Plate Volts, 5000 Max. Peak Plate mA, 1000 Max. DC Plate mA, 165					Max. Peak Heater-Cathode Volts {— 5000** +300 ** DC Component must not exceed 900 Volts					**6BA3**
For other characteristics, refer to Type 6BC5/6CE5										6BC5
Max. Peak Inverse Plate Volts, 330 Max. Peak Plate mA, 54					Max. DC Output mA, 12 Min. Total Effect. Plate Supply Impedance, 560Ω					**6BC7**
Max. DC Plate Volts, 20000 Max. Unregulated DC Supply Volts, 40000					Max. DC Plate mA, 1.5 Max. Plate Dissipation, 20.0 watts					6BD4
Max. DC Plate Volts, 27000 Max. Unregulated DC Supply Volts, 55000					Max. DC Plate mA, 1.5 Max. Plate Dissipation, 25.0 watts					6BD4A
250	— 3V	100	3.0	9.0	800000	2000	—	—	—	**6BD6**
200	—2V	—	—	7	12400	5500	68	—	—	
200	220Ω	—	—	9.2	9400	4400	41	—	—	**6BD11**
135	100Ω	135	4	17	45000	10400	—	—	—	
110	— 7.5V	110	4.0	36.0	12000	7500	—	2500	1.9	**6BF5**
250	— 9V	—	—	9.5	8500	1900	16	Power Output, 300 milliwatts		**6BF6**
Max. DC Plate Volts, 700 Max. DC Cathode mA, 110					Max. Peak Positive-Pulse Plate Volts, 6600 (Abs.) Max. Plate Dissipation, 20 watts					**6BG6G** 6BG6GA
Max. Peak Inverse Plate Volts, 5500 Max. Peak Plate mA, 1100 Max. DC Plate mA, 180					Max. Plate Dissipation, 6.5 watts Max. Peak Heater-Cathode Volts: {— 5500 + 300					6BH3 **6BH3A**
150	—5V	—	—	9.5	5150	3300	17	—	—	
200	82Ω	125	3.4	15	150000	7000	—	—	—	**6BH8**
Max. Peak Inverse Plate Volts, 3300 Max. Peak Plate mA, 840 Max. DC Plate mA, 140					Max. Peak Heater-Cathode Volts {— 3300** +300 ** DC component must not exceed 600 volts					**6BJ3**
100	—1V	100	3.5	9	250000	3650	—	—	—	6BJ6A
Max. Peak Inverse Plate Volts, 330 Max. Peak Plate mA, 10					Max. DC Output mA, 1 Max. Peak Heater-Cathode Volts, +100, —330					**6BJ7**
Max. DC Plate Volts, 27000 Max. Unregulated DC Supply Volts, 60000 Max. Plate Dissipation, 30 Watts (6BK4A)					Max. DC Plate mA, 1.6 Max. Plate Dissipation, 25 Watts (6BK4)					6BK4 6BK4A
Max. DC Plate Volts, 27000 Max. Unregulated DC Supply Volts, 60000					Max. Average Plate mA, 1.6 Max. Plate Dissipation, 40 Watts					6BK4B
250	— 5V	250	3.5	35	100000	8500	—	6500	3.5	**6BK5**
150	56Ω	—	—	18	4600	9300	43	Grid-No. 1 Volts for Cutoff, —11		6BK7A
Max. Peak Inverse Plate Volts, 4500 (Abs.) Max. Peak Plate mA, 1200 Max. DC Plate mA, 200					Max. Peak Heater-Cathode Volts {—4500* (Abs.) +300 *DC component not to exceed —900 volts					6BL4
Max. DC Plate Volts, 500 Max. DC Cathode mA. (Each Unit), 60					Max. Peak Positive-Pulse Plate Volts, 2000 (Abs.) Max. Plate Dissipation (Each Unit), 10 watts					6BL7GT
100	— 2V	—	—	14	—	5000	20	—	—	
170	— 2V	170	2.8	10	400000	6200	—	—	—	6BL8
150	220Ω	—	—	9	6300	6800	43	—	—	6BN4
For other characteristcis, refer to Type 6BN6/6KS6										6BN6
Max. DC Plate Volts, 550 Max. DC Cathode mA, 110					Max. Peak Positive-Pulse Plate Volts, 5500 (Abs.) Max. Plate Dissipation, 11 watts					6BQ6GT
150	220Ω	—	—	9.0	5800	6000	35	Grid-No. 1 Volts for Cutoff, —10		6BQ7
125	— 1V	—	—	13.5	7500	—	40	—	—	
125	— 1V	110	3.5	9.5	200000	5000	—	—	—	6BR8