

RCA Type	Name	Out- line	Terminal Dia- gram	Heater or Filament (F)		Use Values to right give operat- ing conditions and charac- teristics for indicated typical use
				Volts	Amperes	
				6BS3	Half-Wave Rectifier	
6BS8	Medium-Mu Twin Triode	6B	9AJ	6.3	0.4	Each Unit as Class A Amplifier
6BV8	Twin Diode—Medium-Mu Triode	6B	9FJ	6.3	0.6	Triode Unit as Class A Amplifier
						With Capacitive Input Filter
6BW4	Full-Wave Rectifier	6E	9DJ	6.3	0.9	With Inductive Input Filter
6BW8	Twin Diode— Sharp-Cutoff Pentode	6B	9HK	6.3	0.45	Pentode Unit as Class A Amplifier
6BX7GT	Medium-Mu Twin Triode	13D	8BD	6.3	1.5	Vertical Deflection Oscillator
						Vertical Deflection Amplifier
6BY5GA	Full-Wave Rectifier	18B	6CN	6.3	1.6	Television Damper Service
6BY11	Beam Power Tube— Sharp-Cutoff Pentode	8C	12EZ	6.3	1.2	Beam Unit as Class A Amplifier Pentode Unit as Class A Amplifier
6BZ7	Medium-Mu Twin Triode	6B	9AJ	6.3	0.4	Each Unit as Class A Amplifier
6BZ8	Medium-Mu Twin Triode	6B	9AJ	6.3	0.4	Each Unit as Class A Amplifier
6C5	Medium-Mu Triode	2A	6Q	6.3	0.3	Class A Amplifier
6C5GT	Medium-Mu Triode	14A	6Q	6.3	0.3	Class A Amplifier
6C6	Sharp-Cutoff Pentode	24A	6F	6.3	0.3	Amplifier Detector
6C7	Twin-Diode—Medium-Mu Triode	24B	7G	6.3	0.3	Triode Unit as Class A Amplifier
6C8G	Medium-Mu Twin-Triode	23	8G	6.3	0.3	Each Unit as Class A Amplifier
6C10	High-Mu Triple Triode	8A	12BQ	6.3	0.6	Each Unit as Class A Amplifier
6CA7	Power Pentode		8ET	6.3	1.5	Class A Amplifier Push-Pull Class AB, Amplifier
6CB5	Beam Power Tube	28A	8GD	6.3	2.5	Horizontal Deflection Amplifier
6CB6	Sharp-Cutoff Pentode	5C	7CM	6.3	0.3	Class A Amplifier
6CD6G	Beam Power Tube	28B	5BT	6.3	2.5	Horizontal Deflection Amplifier
6CE3	Half-Wave Vacuum Rectifier	8G	12GK	6.3	2.5	Television Damper Service
6CE5	Sharp-Cutoff Pentode	5C	7BD	6.3	0.3	Class A Amplifier
6CF6	Sharp-Cutoff Pentode	5C	7CM	6.3	0.3	Class A Amplifier
6CG3/ 6CD3	Half-Wave Rectifier	8F	12FX	6.3	1.8	Television Damper Service
6CG8	Medium-Mu Triode—Sharp-Cutoff Pentode	6B	9GF	6.3 6.3	0.45 0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
6CH8	Medium-Mu Triode—Sharp-Cutoff Pentode	6B	9FT	6.3	0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
6CK3	Half-Wave Vacuum Rectifier	30B	9HP	6.3	1.2	Television Damper Service
6CK4	Low-Mu Triode	13F	8JB	6.3	1.25	Vertical Deflection Amplifier
6CL8	Medium-Mu Triode—Sharp-Cutoff Tetrode	6B	9FX	6.3	0.45	Triode Unit as Class A Amplifier Tetrode Unit as Class A Amplifier

Plate	Grid Bias or Cathode Resistor	Screen Grid	Screen Grid Cur- rent	Plate Cur- rent	AC Plate Resist- ance	Trans- conduct- ance	Amplifi- cation Factor	Power		RCA Type
								Load	Out- put	
Volts		Volts	mA	mA	Ohms	Micromhos		Ohms	Watts	
Max. Peak Inverse Plate Volts, 5000					Max. Plate Dissipation, 6 watts			- 5000 + 300		6BS3
Max. Peak Plate mA, 1100					Max. Peak Heater-Cathode Volts:					
Max. DC Plate mA, 200										
150	220Ω	—	—	10	5000	7200	36	—	—	6BS8
200	330Ω	—	—	11	5900	5600	33	—	—	6B8
Max. AC Volts per Plate (RMS), 325					Max. DC Output mA, 62.5			—	—	6BW4
Max. Peak Inverse Volts, 1275					Max. Peak Plate mA, per Plate, 350					
Total Effect. Supply Imped. per Plate, 82 ohms										
Max. AC Volts per Plate (RMS), 450					Max. DC Output mA, 62.5			—	—	6BW8
Max. Peak Inverse Volts, 1275					Max. Peak Plate mA per Plate, 350					
Min. Value of Input Choke, 10 henries										
250	68Ω	110	3.5	10	250000	5200	—	—	—	6B8
Max. DC Plate Volts, 500					Max. DC Cathode mA, 180			—	—	6BX7GT
Max. Plate Dissipation: 10 watts either plate; 12 watts both plates										
Max. DC Plate Volts, 500					Max. Peak Positive-Pulse Plate Volts, 2000 (Abs.)			—	—	6BY11
Max. DC Cath. mA, 180					Max. Plate Dissipation: 10 watts either plate; 12 watts both plates					
Max. Peak Inverse Plate Volts, 3000 (Abs.)					Max. Peak Heater-Cathode Volts: { -450 +100			2500	4	6BY5GA
Max. Peak Plate mA, 525										
Max. DC Plate mA, 175										
170	82Ω	140	3.9	74	33000	4900	—	—	—	6BY11
150	180Ω	100	3.4	2.8	110000	2500	(grid no. 1 to plate)			
150	220Ω	—	—	10	5300	6800	36	—	—	6BZ7
125	100Ω	—	—	10	5600	8000	45	—	—	6BZ8
250	— 8V	—	—	8.0	10000	2000	20	—	—	6C5
For other characteristics, refer to Type 6J7										
250	— 9V	—	—	4.5	16000	1250	20	—	—	6C6
250	— 4.5V	—	—	3.2	22500	1600	36	—	—	6C7
250	— 2V	—	—	1.2	62500	1600	100	—	—	6C8G
100	— 1V	—	—	0.5	80000	1250	100	—	—	6C10
265	— 13.5V	250	15	100	15000	11000	—	2000	11	6CA7
450	232Ω	450	20	120	—	—	—	6500	40	6CB5
Max. DC Plate Volts, 700					Max. Peak Positive-Pulse Plate Volts, 6800 (Abs.)			—	—	6CB6
Max. DC Cathode mA, 200					Max. Plate Dissipation, 23 Watts					
125	56Ω	125	3.7	13	280000	8000	—	—	—	6CB6
Max. DC Plate Volts, 700					Max. Peak Positive-Pulse Plate Volts, 7000			—	—	6CD6G
Max. DC Cathode mA, 200					Max. Plate Dissipation, 20 watts					
For other characteristics, refer to Type 6CE3/6CD3/6DT3										
125	— 1V	125	2.3	11	300000	7600	—	—	—	6CE3
125	56Ω	125	3.7	12.5	300000	7800	—	—	—	6CE5
125	— 1V	125	2.2	9	300000	5500	—	—	—	6CF6
Max. Peak Inverse Plate Volts, 5000					Max. DC Plate mA, 350			Max. Peak Heater Cathode Volts: { +300 -5000		6CG3/ 6CD3
Max. Peak Plate mA, 2100					Max. Plate Dissipation, 6.5 watts					
100	— 1V	—	—	12	6000	6500	40	—	—	6CG8
250	— 1V	125	2.2	9	300000	5500	—	—	—	6CG8
200	— 6V	—	—	13	5750	3300	19	—	—	6CH8
200	180Ω	150	2.8	9.5	300000	6200	—	—	—	6CH8
Max. Peak Inverse Plate Volts, 5200					Max. Peak Heater-Cathode Volts { -5200** +300			—	—	6CK3
Max. Peak Plate mA, 1200					** DC component must not exceed 900 volts					
Max. DC Plate mA, 250										
Max. DC Plate Volts, 550					Max. Peak Positive-Pulse Plate Volts, 2000 (Abs.)			—	—	6CK4
Max. Peak Cathode mA, 350					Max. Plate Dissipation, 12 watts					
125	— 1V	—	—	14	5000	8000	40	—	—	6CL8
125	— 1V	125	4	12	120000	6000	—	—	—	6CL8