

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	
6CM6	Beam Power Tube	6E	9CK	6.3	0.45	Class A Amplifier
6CM8	High-Mu Triode—Sharp-Cutoff Pentode	6B	9FZ	6.3	0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
6CQ4	Half-Wave Rectifier	13G	4CG	6.3	1.6	Television Damper Service
6CR6	Diode-Remote-Cutoff Pentode	5C	7EA	6.3	0.3	Pentode Unit as Class A Amplifier
6CT3	Half-Wave Rectifier	6H	9RX	6.3	1.2	Television Damper Service
6CU8	Medium-Mu Triode—Sharp-Cutoff Pentode	6B	9GM	6.3	0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
6CW5	Power Pentode	6G	9CV	6.3	0.76	Vertical-Deflection Amplifier
6D4 ♦	Gas Triode	5C	5AY	6.3	0.25	Thyratron
6D6	Remote-Cutoff Pentode	24A	6F	6.3	0.3	Amplifier Mixer
6D7	Sharp-Cutoff Pentode	24A	7H	6.3	0.3	Amplifier Detector
6D8G	Pentagrid Converter	23	8A	6.3	0.15	Converter
6D10	High-Mu Triple Triode	8A	12BQ	6.3	0.45	Each Unit as Class A Amplifier
6DA4	Half-Wave Rectifier	13D	4CG	6.3	1.2	Television Damper Service
6DB5	Beam Power Tube	6F	9GR	6.3	1.2	Class A Amplifier
6DC8	Twin Diode—Remote-Cutoff Pentode	6E	9HE	6.3	0.3	Class A Amplifier
6DC8/ EBF89	Twin Diode-Semiremote Cutoff Pentode	6E	9HE	6.3	0.3	Pentode Unit as Class A Amplifier
6DE4	Half-Wave Vacuum Rectifier	13G	4CG	6.3	1.6	Television Damper Service
6DL4/ EC88	High-Mu Triode	6M	9NY	6.3	0.165	Class A Amplifier
6DL5 6DL5/ EL95	Power Pentode	5E	7DQ	6.3	0.2	Class A Amplifier
6DM4 6DM4A	Half-Wave Rectifier	13G	4CG	6.3	1.2	Damper Service
6DN6	Beam Power Tube	21B	5BT	6.3	2.5	Horizontal Deflection Amplifier
6DQ4	Half-Wave Rectifier	13F	4CG	6.3	1.2	Damper Service
6DQ6A 6DQ6B	Beam Power Tube	20	6AM	6.3	1.2	Horizontal Deflection Amplifier
6DT6	Sharp-Cutoff Pentode	5C	7EN	6.3	0.3	Class A Amplifier
6DW4	Half-Wave Rectifier	11D	9HP	6.3	1.2	Television Damper Service
6DW4A	Half-Wave Rectifier	11D	9HP	6.3	1.2	Television Damper Service
6DW5	Beam Power Tube	6G	9CK	6.3	1.2	Vertical Deflection Amplifier
6DX8	High-Mu Triode—Sharp-Cutoff Pentode	6E	9HX	6.3	0.72	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier

♦ Industrial type

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		
250	—12.5V	—	—	49.5	1960	5000	9.8	(Triode Connected)		6CM6	
250	—12.5V	250	4.5	45	50000	4100	—	5000	8		
250	—2V	—	—	1.8	50000	2000	100	—	—	6CM8	
250	180Ω	150	2.8	9.5	600000	6200	—	—	—	6CM8	
Max. Peak Max. Peak	Inverse Plate Plate mA, 1200	Plate Volts, 5500	5500	Max. DC Max. Plate	DC Plate Dissipation, 190	190	6.5 watts	Max. Peak Cathode	Heater Volts:	{+300 -5500	6CQ4
250	—2V	100	2.6	9.6	800000	2200	—	—	—	6CR6	
Max. Peak Inverse Plate Volts, 5000			Max. Plate Dissipation, 6.5 Watts			Max. Peak Heater-Cathode Volts: {+5000 +300					
Max. Peak Plate mA, 1200			Max. Average Plate mA, 250								
125	—1	—	—	17	4100	5800	24	—	—	6CT3	
125	56Ω	125	3.8	12	170000	7800	—	—	—	6CU8	
Max. DC Max. DC	Plate Volts, Cathode mA, 110	275	110	Max. Peak Positive-Pulse Plate Volts, 2200			Max. Plate Dissipation, 12 watts				6CW5
450	Tube Voltage drop at 25 mA = 16 Volts			25	Peak Anode Current = 100 mA					6D4♦	
For other characteristics, refer to Type 6U7G										6D6	
For other characteristics, refer to Type 6J7										6D7	
250	—3V	100	2.7	3.5	360000	Anode-Grid (2): 250 max. volts, 4 mA Oscillator-Grid (1) Resistor. Conversion Transcond., 550 micromhos.			6D8G		
125	—1V	—	—	4.2	13600	4200	57	—	—	6D10	
Max. Peak Max. Peak	Inverse Plate Plate mA, 900	Plate Volts, 4400	4400	Max. DC Max. Plate	DC Plate Dissipation, 155	155	5.5 watts	Max. Peak Cathode	Heater Volts:	{+300 -4400	6DA4
200	180Ω	125	2.2	46	28000	8000	—	4000	3.8	6DB5	
250	—2V	100	2.7	9	1 M	3800	—	—	—	6DC8	
200	—1.5V	100	3.3	11	600000	4500	—	—	—	6DC8/ EBF89	
For other characteristics, refer to Type 6DE4/6CQ4										6DE4	
160	100Ω	—	—	12.5	—	13500	65	—	—	6DL4/ EC88	
200	230Ω	200	4.2	23	—	—	—	8000	2.3	6DL5	
250	320Ω	250	4.5	24	—	—	—	10000	3	6DL5/ EL95	
Max. Peak Inverse Plate Volts, 5000			Max. Peak Plate mA, 1100			Max. DC Plate mA, 175			6DM4		
Max. Peak Heater—Cathode Volts, —5000 (DC Component Not to Exceed 900 Volts)			Max. Peak Plate mA, 1100			Max. DC Plate mA, 175			6DM4A		
Max. Peak Heater—Cathode Volts, +300 (DC Component Not to Exceed 100 Volts)			Max. Peak Plate mA, 1100			Max. DC Plate mA, 175			6DM4A		
Max. DC Plate Volts, 700			Max. DC Cathode mA, 200			Max. Peak Positive-Pulse Plate Volts, 6600 (Abs.)			6DN6		
Max. DC Cathode mA, 200			Max. Plate Dissipation, 15 watts			Max. Plate Dissipation, 15 watts			6DN6		
Max. Peak Inverse Plate Volts, 5500			Max. Peak Plate mA, 1000			Max. DC Plate mA, 175			6DQ4		
Max. Peak Plate mA, 1000			Max. Plate Dissipation, 6 watts			Max. Plate Dissipation, 6 watts			6DQ4		
Max. DC Plate Volts, 770			Max. DC Cathode mA, 155 (6DQ6A)			Max. Peak Positive-Pulse Plate Volts, 6000 (Abs.)			6DQ6A		
Max. DC Cathode mA, 155 (6DQ6A)			Max. DC Cathode mA, 175 (6DQ6B)			Max. Plate Dissipation, 18 watts			6DQ6B		
150	560Ω	100	2.1	1.1	150000	515	—	—	—	6DT6	
Max. Peak Inverse Plate Volts, 5000			Max. Peak Plate mA, 1300			Max. Plate Dissipation, 8.5			6DW4		
Max. Peak Plate mA, 1300			Max. DC Plate mA, 250			Max. Peak Heater-Cathode Volts: {—5000 +300			6DW4		
Max. DC Plate mA, 250			Max. Plate Dissipation, 8.5 Watts			Max. Peak Heater-Cathode Volts: {—5500 +300			6DW4A		
Max. Peak Inverse Plate Volts, 5500			Max. Peak Plate mA, 1300			Max. Plate Dissipation, 8.5 Watts			6DW4A		
Max. Peak Plate mA, 1300			Max. Average Plate mA, 250			Max. Peak Heater-Cathode Volts: {—5500 +300			6DW4A		
Max. DC Plate Volts, 330			Max. DC Cathode mA, 65			Max. Peak Positive-Pulse Plate Volts, 2200			6DW5		
Max. DC Cathode mA, 65			Max. Plate Dissipation, 11 watts			Max. Plate Dissipation, 11 watts			6DW5		
200	—1.7V	—	—	3	—	4000	65	—	—	6DX8	
170	—2.1V	170	3	18	100000	11000	—	—	—		
200	—2.9V	200	3	18	130000	10400	—	—	—	6DX8	
220	—3.4V	220	3	18	150000	10000	—	—	—		