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
10JA8	High-Mu Triode Sharp-Cutoff Pentode	6E	9DX	10.5	0.45	Class A Amplifier
10LB8	Medium-Mu Triode Sharp-Cutoff Pentode	10A	9DX	10.2	0.45	Class A Amplifier
10LW8	High-Mu Triode Sharp-Cutoff Pentode	6E	9DX	10.5	0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
10LZ8	High-Mu Triode— Sharp-Cutoff Pentode	6E	9DX	10.5	0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
11	Detector Amplifier	4F	4F	1.1F	0.25	Class A Amplifier
11CA11	Dual Triode Sharp-Cutoff Pentode	8B	12HN	10.7	0.6	Triode Unit 1 as Class A Amplifier Triode Unit 2 as Class A Amplifier Pentode Unit as Class A Amplifier
11CF11	Dual Triode Sharp-Cutoff Pentode	8B	12HW	10.7	0.6	Triode Unit 1 as Class A Amplifier Triode Unit 2 as Class A Amplifier Pentode Unit as Class A Amplifier
11CH11	Dissimilar Double Triode Sharp-Cutoff Pentode	8B	12G3	10.7	0.6	Triode Unit 1 as Class A Amplifier Triode Unit 2 as Class A Amplifier Pentode Unit as Class A Amplifier
11CY7	Dual Triode	6E	9LG	11	0.45	Vertical Deflection Oscillator and Amplifier
11JE8	High-Mu Triode Sharp-Cutoff Pentode	6E	9DK	10.9	0.45	Class A Amplifier
11Y9	Dual Pentode	6L	10L	11	0.45	Unit No. 1 as Class A Amplifier Unit No. 2 as Class A Amplifier
12A5	Power Pentode	22 or 13H	7F	6.3 12.6	0.6 0.3	Class A Amplifier
12A6♦ 12A6Y♦	Beam Power Tube	2B	7AC	12.6	0.15	Class A Amplifier
12A7	Rectifier—Power Pentode	24B	7K	12.6	0.3	Pentode Unit as Class A Amplifier Half-Wave Rectifier
12A8GT	Pentagrid Converter	14A	8A	12.6	0.15	Converter
12AC6	Remote-Cutoff Pentode	5C	7BK	10.0 to 15.9	0.15 approx. at 12.6 V	Class A Amplifier
12AD6	Pentagrid Converter	5C	7CH	10.0 to 15.9	0.15 approx. at 12.6 V	Converter
12AE6	Twin Diode—Medium-Mu Triode	5C	7BT	10.0 to 15.9	0.15 approx. at 12.6 V	Triode Unit as Class A Amplifier
12AE6A	Twin Diode—Medium-Mu Triode	5C	7BT	10.0 to 15.9	0.15 approx. at 12.6 V	Triode Unit as Class A Amplifier
12AE7	Dual Triode	6B	9A	10.0 to 15.9	0.45 approx. at 12.6 V	Unit No. 1 as Class A Amplifier Unit No. 2 as Class A Amplifier
12AF6	Remote-Cutoff Pentode	5C	7BK	10.0 to 15.9	0.15 approx. at 12.6 V	Class A Amplifier
12AH7 GT	Medium-Mu Twin Triode	13C	8BE	12.6	0.15	Each Unit as Class A Amplifier
12AJ6	Twin Diode—Medium-Mu Triode	5C	7BT	10.0 to 15.9	0.15 approx. at 12.6 V	Triode Unit as Class A Amplifier

♦ Industrial type

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
	For other characteristics, refer to Type 10JA8/10LZ8									10JA8
	For other characteristics, refer to Type 6LB8									**10LB8**
200	—2V	—	—	2.6	18700	4000	75	—	—	
200	82Ω	100	2.8	16.5	60000	19000	—	—	—	**10LW8**
35	0	100	12.5	48	Instantaneous Plate Knee characteristic					
250	— 2	—	—	1.1	52000	2100	110	—	—	
200	0	140	2.5	12	150000	9500	—	—	—	10LZ8
135	—10.5V	—	—	3	15500	440	—	—	—	11
200	270Ω	—	—	7.6	9200	6300	59	—	—	
200	270Ω	—	—	7.1	12400	5500	69	—	—	
200	65Ω	120	4.9	27.5	490000	21200	—	—	—	**11CA11**
40	0V	120	17.6	68	Instantaneous Plate Knee characteristic					
200	270Ω	—	—	7.1	12400	5500	69	—	—	
200	270Ω	—	—	7.6	9200	6300	59	—	—	
200	65Ω	120	4.9	27.5	490000	21200	—	—	—	**11CF11**
40	0V	120	17.6	68	Instantaneous Plate Knee characteristic					
200	270Ω	—	—	7.1	12500	5500	69	—	—	
200	470Ω	—	—	7.2	7600	5300	40	—	—	
200	65Ω	120	4.9	27.5	490000	20000	—	—	—	**11CH11**
50	0V	120	18	71	Instantaneous Plate Knee characteristic					
	For other characteristics, refer to Type 6CY7									11CY7
	For other characteristics, refer to Type 6JE8									**11JE8**
170	— 2.6	170	6.5	30	—	21000	Ampl. Factor (Grid-No. 1 to Grid-No. 2), 38			11Y9
150	— 2.3	150	3	10	—	8500	Ampl. Factor (Grid-No. 1 to Grid No. 2), 35			
180	—25V	180	8.0	45.0	35000	2400	—	3300	3.4	12A5
250	—12.5V	250	3.5	30	70000	3000	—	7000	3.4	**12A6♦** 12A6Y♦
135	—13.5V	135	2.5	9.0	100000	975	—	13500	0.55	12A7
	Maximum AC Plate Voltage.....125 Volts, RMS Maximum DC Output Current..... 30 Milliamperes									
	For other characteristics, refer to Type 6A8GT									12A8GT
12.6	—	12.6	.2	.55	500000	730	{Grid-No. 1 Supply Volts, 0 / Grid-No. 1 Res., 2.2 megohms}			12AC6
12.6	Self-excited	12.6	1.5	0.45	1 M	Grid-No. 1 Resistor, 33000 ohms Conversion Transcond., 260 micromhos				**12AD6**
12.6	0V	—	—	0.75	15000	1000	15	—	—	12AE6
12.6	0V	—	—	1	13000	1300	16.7	—	—	**12AE6A**
12.6	Grid Res. 1.5 megohms			1.9	3150	4000	13.0	—	—	12AE7
12.6	Grid Res. 1 megohm			7.5	985	6500	6.4	—	—	
12.6	—	12.6	0.45	1.1	350000	1500	{Grid-No. 1 Supply Volts, 0 / Grid-No. 1 Res., 2.2 megohms}			**12AF6**
180	— 6.5V	—	—	7.6	8400	1900	16	—	—	12AH7 GT
12.6	{Grid-No. 1 Supply Volts, 0 / Grid-No. 1 Res., 2.2 megohms}			0.75	45000	1200	55	—	—	12AJ6