

RCA Type	Name	Out-line	Terminal Dia-gram	Heater or Filament (F)		Use Values to right give operating conditions and characteristics for indicated typical use
				Volts	Amperes	
6GY8	High-Mu Triple Triode	6B	9MB	6.3	0.45	Unit No. 1 as Class A Amplifier Units No. 2 and No. 3 as Class A Amplifier
6GZ5	Power Pentode	5C	7CV	6.3	0.38	Class A Amplifier
6H6 6H6GT	Twin Diode	29B 13D	7Q 7Q	6.3	0.3	Voltage Doubler Half-Wave Rectifier
6HB6 6HB6/ 6HA6	Power Pentode	6G	9NW	6.3	0.76	Vertical Deflection Amplifier
6HD7	Medium-Mu Triode— Sharp-Cutoff Pentode	6B	9QA	6.3	0.45	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
6HG5	Beam Power Tube	5D	7BZ	6.3	0.45	Class A Amplifier
6HG8	Medium-Mu Triode— Sharp-Cutoff Pentode	6B	9MP	6.3	0.34	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
6HJ5	Beam Power Tube	15C	12FL	6.3	2.25	Horizontal Deflection Amplifier
6HJ8	Diode—Sharp-Cutoff Pentode	6B	9CY	6.3	0.45	Pentode Unit as Class A Amplifier
6HK5	High-Mu Triode	5C	7GM	6.3	0.19	Class A Amplifier
6HM6	Sharp-Cutoff Pentode	6B	9PM	6.3	0.3	Class A Amplifier
6HR5	Beam Power Tube	5D	7BZ	6.3	0.45	Vertical-Deflection Amplifier
6HR6	Semiremote-Cutoff Pentode	5C	7BK	6.3	0.45	Class A Amplifier
6HU6/ EM87	Electron-Ray Tube	6N	9GA	6.3	0.3	Tuning Indicator
6HU8/ ELL80	Twin Pentode	6G	9NJ	6.3	0.55	Power Amplifier
6HV5	Beam Triode	15E	12GY	6.3	1.8	Class A Amplifier
6HZ5/ 6JD5	Beam Triode	15F	12GY	6.3	2.4	High Voltage Pulse Regulator
6HZ8	High-Mu Triode— Sharp-Cutoff Pentode	10G	9DX	6.3	1.125	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
6J4♦ 6J4WA♦	Triode	5C	7BQ	6.3	0.4	UHF Amplifier
6J5 6J5GT	Medium-Mu Triode	2A 13D	6Q 6Q	6.3	0.3	Class A Amplifier
6J6 6J6WA♦ 6J6WB♦	Medium-Mu Twin Triode	5C	7BF	6.3 6.3	0.45 0.45	Each Unit as Class A Amplifier Push-Pull Class C Amplifier
6J7 6J7G 6J7GT	Sharp-Cutoff Pentode	3 23 14A	7R 7R 7R	6.3	0.3	Pentode Class A RF Amplifier
6J8G	Triode-Heptode Converter	23	8H	6.3	0.3	Triode Unit as Oscillator Heptode Unit as Mixer
6J9	High-Mu Triple Triode	6B	10G	6.3	0.45	Each Unit as Class A Amplifier
6J10	Pentode-Beam Power Tube	8B	12BT	6.3	0.95	Pentode Units as Class A Amplifier
6J11	Sharp-Cutoff Twin Pentode	8A	12BW	6.3	0.8	Each 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- conduct- ance Micromhos	Amplifi- cation Factor	Power		RCA Type
								Load Ohms	Out- put Watts	
125 125	220Ω —1V	— —	— —	4.5 4.5	14000 14000	4500 4500	63 63	— —	— —	6GY8
250 250	270Ω 270Ω (bypassed)	250 250	2.7 2.7	16 16	— 150000	— 8400	— —	15000 15000	1.8 1.1	6GZ5
Max. AC Supply Volts per Plate (RMS), 117 Min. Total Effect. Plate-Supply Imped. per Plate: half-wave, 30 ohms; full wave, 15 ohms										6H6
Max. AC Plate Volts (RMS), 150 Max. DC Output mA, 8 per Plate										6H6GT
Min. DC Output mA, 8. min. Min. Total Effective Plate-Supply Impedance: up to 117 volts, 15 ohms; at 150 volts, 40 ohms										
250 250	33Ω 100Ω	125 250	4.2 6.2	40 40	28000 24000	24000 20000	— 33	— —	— —	6HB6 6HB6/ 6HA6
100 125	—0V —1V	— 125	— 3.5	14 12	4880 —	8200 7000	40 —	— —	— —	6HD7
250 180	—12.5V —8.5V	250 180	4.5 3	45 29	52000 58000	4100 3700	— —	5000 5500	4.5 2	6HG5
100 170	—3V —1.2V	— 150	— 3.3	14 10	— 350000	5500 12000	17 —	— —	— —	6HG8
135 125	—22 56Ω	135 125	5.5 3.6	80 11.5	5000 200000	10000 9300	4.2 —	— —	— —	6HJ5 6HJ8
135 125	—1V 56Ω	— 125	— 3.2	12.5 13	5000 156000	15000 15000	75 —	— —	— —	6HK5 6HM6
260 50	—19V 0V	270 250	2.3 25	30 105	— —	3600 —	— —	— —	— —	6HR5
200	68Ω	115	4.3	13.2	500000	8500	—	—	—	6HR6
Triode Plate and Fluorescent-Target Volts = 250 Triode Grid-Supply Volts = -10 to +15										6HU6/ EM87
Shadow Section = 0 to 0.83 inch										
250	160Ω	250	4.5	24	80000	6000	—	10000	3	6HU8/ ELL80
For other characteristics, refer to Type 6HS5										6HV5
Max. Pulse Plate Volts, 5500 Max. Peak Plate mA, 325										6HZ5/ 6JD5
Max. Plate Dissipation, 35 watts Max. Peak Heater-Cathode Volts, +200, -450										
200	—	—	—	3.5	—	4000	70	—	—	6HZ8
250	100	170	6	29	140000	12600	—	—	—	
150	100Ω	—	—	15	4500	12000	55	—	—	6J4♦ 6J4WA♦
90 250	0V —8V	— —	— —	10 9	6700 7700	3000 2600	20 20	— —	— —	6J5 6J5GT
100	50Ω (For both units)	—	—	8.5	7100	5300	38	—	—	6J6
150	—10V	—	—	30	Grid Current, 16 mA Driving Power, 0.35 watt			—	3.5	6J6WA♦ 6J6WB♦
100 250	—3V —3V	100 100	0.5 0.5	2.0 2.0	1 M 1 M	1185 1225	— —	— —	— —	6J7 6J7G 6J7GT
100 250	Triode-Grid Resistor, 50000 ohms			4 5	— —	— —	— —	— —	— —	6J8G
250	—3V	100	2.8	1.4	1.5 M	Conversion Transcond., 290 micromhos				
125	—1V	—	—	6	11000	5200	57	—	—	6J9
250	—8V	250	2.5	35	100000	6500	—	5000	4.2	6J10
125	56Ω	125	3.8	11	200000	13000	—	—	—	6J11