

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	
27	Low-Mu Triode	22 or 13H	5A	2.5	1.75	Class A Amplifier
29KQ6/ PL521	Beam Power Tube	35A	9RJ	29	0.3	Horizontal Deflection Amplifier
30	Medium-Mu Triode	22 or 13H	4D	2.0F	0.06	Amplifier
30JZ6	Beam Power Tube	39A	12GD	30	0.3	Horizontal Deflection Amplifier
30AG11	Twin Diode—Twin-Triode	8A	12DA	30	0.15	Each Triode as Class A Amplifier
30MB6	Beam Power Tube	16H	12FY	30	0.45	Horizontal Deflection Amplifier
31	Power Triode	22 or 13H	4D	2.0F	0.13	Class A Amplifier
31AL10	Dual Medium-Mu Triode Beam Power Tube	8C	12HR	31.5	0.315	Triode No. 1 as Class A Amplifier Triode No. 2 as Class A Amplifier Beam Unit as Class A Amplifier
31JS6A	Beam Power Tube	16B	12FY	31.5	0.45	Horizontal Deflection Amplifier
32	Sharp-Cutoff Tetrode	29K	4K	2.0F	0.06	Class A Amplifier
32ET5 32ET5A	Power Pentode	5D	7CV	32.0	0.1	Class A Amplifier
32HQ7	Damper Diode Beam Power Tube	15A	12HT	32.6	0.315	Diode Unit as Television Damper Service Beam Unit as Horizontal Deflection Amplifier Class A Amplifier
32L7GT	Rectifier—Beam Power Tube	14A	8Z	32.5	0.3	Half-Wave Rectifier
33	Power Pentode	25	5K	2.0F	0.26	Class A Amplifier
33GT7	Damper Diode Beam Power Tube	15A	12FC	33.6	0.45	Diode Unit as Television Damper Service Beam Unit as Horizontal Deflection Amplifier
33GY7	Diode—Beam Power Tube	15A	12FN	33.6	0.45	Diode Unit as Television Damper Service Beam Power Unit as Horizontal Deflection Amplifier
33JV6	Beam Power Tube	15B	12FK	33	0.3	Horizontal Deflection Amplifier
34	Remote-Cutoff Pentode	29K	4M	2.0F	0.06	Screen-Grid RF Amplifier
34CM3	Half-Wave Rectifier	30B	9HP	33.5	0.45	Television Damper Service
34GD5 34GD5A	Beam Power Tube	5D	7CV	34.0	0.1	Class A Amplifier
34R3	Half-Wave Rectifier	7C	9CB	34	0.15	Television Damper Service
35	Remote-Cutoff Tetrode	29K	5E	2.5	1.75	Screen-Grid RF Amplifier
35A5	Beam Power Tube	12C	6AA	35.0	0.15	Single-Tube Class A Amplifier
35B5	Beam Power Tube	5D	7BZ	35.0	0.15	Class A Amplifier
35DZ8	High-Mu Triode—Power Pentode	6H	9JE	35.0	0.15	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
35EH5	Power Pentode	5D	7CV	35	0.15	Class A Amplifier
35GL6	Beam Power Tube	5D	7FZ	35.0	0.15	Class A Amplifier
35L6GT	Beam Power Tube	13D	7AC	35	0.15	Class A Amplifier

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	-21V	—	—	5.2	9250	975	9.0	—	—	27
Max. DC Plate Volts, 275						Max. Plate Dissipation, 17 watts				<b>29KQ6/ PL521</b>
Max. Peak Positive Pulse Plate Volts, 6500						Max. DC Cathode mA, 275				
For other characteristics, refer to Type 1H4G										30
For other characteristics, refer to Type 6JZ6										<b>30JZ6</b>
For other characteristics, refer to Type 6AG11										30AG11
Max. DC Plate Volts, 990						Max. Plate Dissipation, 38 watts				<b>30MB6</b>
Max. Peak Positive Pulse Plate Volts, 8000						Max. DC Cathode mA, 400				
180	-30V	—	—	12.3	3600	1050	3.8	5700	0.375	31
150	-2V	—	—	5.4	11000	3900	—	—	—	<b>31AL10</b>
150	-5V	—	—	5.5	8500	2350	—	—	—	
120	-8V	110	3.5	46	11700	7100	Instantaneous Plate Knee characteristic			
40	0	110	16.5	122						
For other characteristics, refer to Type 6JS6A										31JS6A
180 (Max.)	-3V	67.5	0.4	1.7	1 M	650	—	—	—	32
110	-7.5V	110	2.8	30	21500	5500	—	2800	1.2	<b>32ET5 32ET5A</b>
Max. Peak Inverse Plate Volts, 3300						Max. Plate Dissipation, 3.8 watts				<b>32HQ7</b>
Max. Peak Plate mA, 600						Max. Peak Heater-Cathode Volts, +200, -3300				
Max. DC Plate Supply Volts, 400						Max. DC Cathode mA, 125				
Max. Peak Positive-Pulse Plate Volts, 4000						Max. Plate Dissipation, 7 watts				
90	-7V	90	2.0	27.0	17000	4800	—	2600	1.0	32L7GT
Maximum AC Plate Voltage.....						125 Volts, RMS				
Maximum DC Output Current.....						60 Milliamperes				
180	-18V	180	5.0	22.0	55000	1750	—	6000	1.4	33
Max. Peak Inverse Plate Volts, 2500						Max. Plate Dissipation, 3.5 watts				<b>33G77</b>
Max. Peak Plate mA, 750						Max. Peak Heater-Cathode Volts, +200, -2500				
Max. DC Plate Supply Volts, 400						Max. DC Cathode mA, 140				
Max. Peak Positive Plate Volts, 3500						Max. Plate Dissipation, 9 watts				
Max. Peak Inverse Plate Volts, 4200						Max. Plate Dissipation, 3.8 watts				33GY7
Max. Peak Plate mA, 810						Max. Peak Heater-Cathode Volts: $\begin{cases} -4200 \\ +200 \end{cases}$				
Max. DC Plate Supply Volts, 400						Max. DC Cathode mA, 155				
Max. Peak Positive-Pulse Plate Volts, 5000						Max. Plate Dissipation, 9 watts				
For other characteristics, refer to Type 21JV6										<b>33JV6</b>
180	-3V min.	67.5	1.0	2.8	1 M	620	—	—	—	34
For other characteristics, refer to Type 6CM3										34CM3
110	-7.5V	110	3	35	13000	5700	—	2500	1.4	<b>34GD5 34GD5A</b>
Max. Peak Inverse Plate Volts, 4500						Max. DC Cathode mA, 150				<b>34R3</b>
Max. Peak Plate mA, 450										
250	-3V min.	90	2.5	6.5	—	1050	—	—	—	35
For other characteristics, refer to Type 35L6GT										35A5
For other characteristics, refer to Type 35C5										<b>35B5</b>
120	1500Ω	—	—	0.8	—	1400	100	—	—	35DZ8
140	180Ω	120	6	45	—	7500	—	2500	2.0	
110	62Ω	115	7.2	32	14000	3000	—	3000	1.2	<b>35EH5</b>
110	-7.5V	110	3	45	12000	7500	—	2500	1.8	35GL6
200	180Ω	125	2	43	34000	6100	—	5000	3	<b>35L6GT</b>
110	-7.5V	110	3	40	14000	5800	—	2500	1.5	