

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	
12CX6	Remote-Cutoff Pentode	5C	7BK	10.0 to 15.9	0.15 approx. at 12.6V	Class A Amplifier
12D4	Half-Wave Rectifier	13D	4CG	12.6	0.6	Television Damper Service
12DB5	Beam Power Tube	6F	9GR	12.6	0.6	Class A Amplifier
12DE8	Diode—Remote-Cutoff Pentode	6B	9HG	10.0 to 15.9	0.2 approx. at 12.6V	Pentode Unit as Class A Amplifier
12DK7	Twin Diode—Power Tetrode	6E	9HZ	10.0 to 15.9	0.5 approx. at 12.6V	Tetrode Unit as Class A Amplifier
12DL8	Twin Diode—Power Tetrode	6E	9HR	10.0 to 15.9	0.55 approx. at 12.6V	Tetrode Unit as Class A Amplifier
12DM4 12DM4A	Half-Wave Rectifier	13F 13G	4CG	12.6	0.6	Television Damper Service
12DQ6A	Beam Power Tube	20A	6AM	12.6	0.6	Horizontal Deflection Amplifier
12DQ6B	Beam Power Tube	20A	6AM	12.6	0.6	Horizontal Deflection Amplifier
12DQ7	Power Pentode	6E	9BF	6.3 12.5	0.6 0.3	Class A Amplifier
12DS7 12DS7A	Twin Diode—Power Tetrode	6E 6E	9JU	10.0 to 15.9	0.4 approx. at 12.6V	Tetrode Unit as Class A Amplifier Diode Units
12DU7	Twin Diode—Power Tetrode	6B	9JX	10.0 to 15.9	0.25 approx. at 12.6V	Tetrode Unit as Class A Amplifier
12DV8	Twin Diode—Power Tetrode	6E	9HR	10.0 to 15.9	0.375 approx. at 12.6V	Class A Amplifier
12DW4A	Half-Wave Rectifier	11D	9HP	12.6	0.6	Television Damper Service
12DW7	Dual Triode	6B	9A	12.6 6.3	0.15 0.3	Unit No. 1 as Class A Amplifier Unit No. 2 as Class A Amplifier
12DY8	Medium-Mu Triode— Remote-Cutoff Tetrode	6B	9JD	10.0 to 15.9	0.35 approx. at 12.6V	Triode Unit as Class A Amplifier Tetrode Unit as Signal Seeker Relay
12DZ6	Remote-Cutoff Pentode	5C	7BK	10.0 to 15.9	0.19 approx. at 12.6V	Class A Amplifier
12EA6	Remote-Cutoff Pentode	5C	7BK	10.0 to 15.9	0.19 approx. at 12.6V	Class A Amplifier
12EC8	Medium-Mu Triode— Semiremote-Cutoff Pentode	6B	9FA	10.0 to 15.9	0.225 approx. at 12.6V	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
12ED5	Beam Power Tube	5D	7CV	12.6	0.45	Class A Amplifier
12EG6	Pentagrid Amplifier	5C	7CH	10.0 to 15.9	0.15 approx. at 12.6V	Class A Amplifier
12EH5	Power Pentode	5D	7CV	12.6	0.6	Push-Pull Class AB, Amplifier
12EK6/ 12DZ6/ 12EA6	Remote-Cutoff Pentode	5C	7BK	10.0 to 15.9	0.19 approx. at 12.6V	Class A Amplifier
12EL6	Twin Diode—High-Mu Triode	5C	7FB	10.0 to 15.9	0.15 approx. at 12.6V	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- conduct- ance Micromhos	Amplifi- cation Factor	Power		RCA Type	
								Load Ohms	Out- put Watts		
12.6	Grid-No. 1 Supply Volts, 0	12.6	1.4	3	40000	3100	Grid-No. 1 Volts for Plate Current of 10 μ A, -4.5			12CX6	
	Max. Peak Inverse Plate Volts, 4400 Max. Peak Plate mA, 900 Max. Average Plate mA, 155				Max. Peak Heater-Cathode Volts, -4400, +300					12D4	
200	180 Ω	125	2.2	46	28000	8000	—	4000	3.8	12DB5	
12.6	—	12.6	0.5	1.3	300000	1500	Grid No. 1 Supply Volts, 0 Grid-No. 1 Res., 2.2 megohms			12DE8	
12.6	—	12.6	1	6	4000	5000	—	3500	0.010	12DK7	
12.6	Grid-No. 2 (Control Grid) Volts, -0.5 (across 2.2 megohm resistor) Grid-No. 1 (Space-Charge Grid) Volts, 12.6 Transcond. (Grid-No. 2 to Plate), 15000 μ mhos				Ampl. Factor (Grid-No. 2 to Plate) 7.2 Grid-No. 1 mA, 75 Plate mA, 40 Plate Resistance, 480 ohms					12DL8	
	For other characteristics, refer to Type 6DM4									12DM4	
	Max. DC Plate Volts, 700 Max. DC Cathode mA, 140				Max. Peak Positive-Pulse Plate Volts, 6000 (Abs.) Max. Plate Dissipation, 15 watts						12DM4A
	For other ratings, refer to Type 6DQ6B									12DQ6A	
200	68 Ω	125	5.6	26	53000	10500	—	—	—	12DQ6B	
12.6	12.6V	-0.5 (across 2.2 megohm No. 1 resistor)	75 (Grid- No. 1)	35	500	19000 (Grid- No. 2 to Plate)	9.1 (Grid- No. 2 to Plate)	—	—	12DS7 12DS7A	
	Diode Plate mA, with 10 Volts Applied, 3 mA										
12.6	—	12.6	1.5	12	6000	6200	—	2700	0.025	12DU7	
	Grid-No. 2 (Control Grid) Resistor, 4.7 megohms Grid-No. 1 (Space-Charge Grid) Volts, 12.6 Transcond. (Grid-No. 2 to Plate), 8500 μ mhos				Ampl. Factor (Grid-No. 2 to Plate) 7.6 Grid-No. 1 mA, 53 Plate mA, 9 Plate Resistance, 900 ohms					12DV8	
	For other characteristics, refer to Type 6DW4A									12DW4A	
250	— 2V	—	—	1.2	62500	—	100	—	—		
250	— 8.5V	—	—	10.5	7700	2200	17	—	—	12DW7	
12.6	—	—	—	1.2	10000	2000	20	—	—		
10	—	10	—	5 min.	Grid No. 1 resistor	10 megohms.	Plate Load	700 ohms		12DY8	
15	— 6V	15	—	3 max.	—	—	—	Plate Load	700 ohms		
12.6	Grid-No.1 Supply Volts, 0	12.6	2.2	4.5	25000	3800	—	—	—	12DZ6	
12.6	—	12.6	1.4	3.2	32000	3800	{Grid-No. 1 Supply Volts, 0 Grid-No. 1 Res., 10 megohms}			12EA6	
12.6	4700 Ω (Grid Res.)	—	—	2.4	6000	4700	25	—	—		
12.6	—	12.6	0.28	0.66	750000	2000	Grid No. 1 Res., 33000 ohms			12EC8	
1.25	— 4.5V	125	7	37	14000	8500	—	4500	1.5	12ED5	
12.6	— 0.6V \ddagger	12.6	2.8	.55	150000	800 \ddagger	\ddagger Between Grid No. 3 & Plate \ddagger Bias voltage across res. 2.2 megohms			12EG6	
140	68 Ω	120	11 \square	47 \square	—	—	—	6000	3.8 \ddagger	12EH5	
12.6	—	12.6	1.7	4	50000	4200	Grid-No. 1 Supply Volts, 0 Grid-No. 1 Res. (Bypassed), 2.2 megohms			12EK6/ 12DZ6/ 12EA6	
12.6	0V	—	—	0.75	45000	1200	55	—	—	12EL6	

\ddagger For two tubes at stated plate-to-plate load.

\square For two tubes.