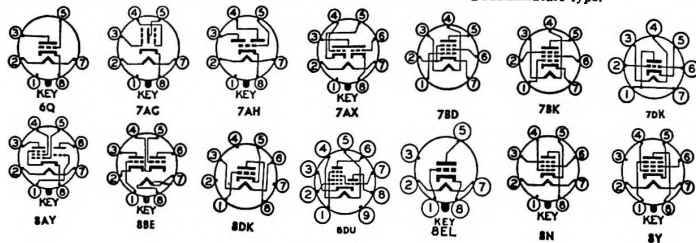


Tube Type	Classification by Construction	Base Connections	Out-line Dwg	Type Cathode	Filament Volts	Filament Amp	Max Plate Volts	Max Screen Volts	Capacitance in Micromicrofarads		
									Input	Out-put	Grid-plate
6AD4	High-Mu Triode	8DK	3-1	Htr	6.3	0.15	150	—	1.9	2.2	0.7
6AD6-G	Twin Electron-Ray Indicator	7AG	9-3	Htr	6.3	0.15	Max target voltage = 150 Min target voltage = 100				
6AD7-G	Triode-Power Amplifier Pentode	8AY	14-3	Htr	6.3	0.85	285	—	Triode section 375 285 Pentode section		
6AD8	Duplex-Diode RF Pentode	9T	6-3	Htr	6.3	0.3	250	125	—	—	—
6AE5-GT	Low-Mu Triode	6Q	9-11	Htr	6.3	0.3	300	—	—	—	—
6AE6-G	Single-Grid Twin-Plate Control Tube	7AH	12-7	Htr	6.3	0.15	250	Remote-cut-off plate (Pin 3) Sharp-cut-off plate (Pin 4)			
6AE7-GT	Twin-Input Triode	7AX	9-11	Htr	6.3	0.5	300	—	—	—	—
6AE8	Triode-Hexode Converter	8DU	T-X	Htr	6.3	0.3	250	100	Osc E_{g1} = 10 peak R_{g1} = 50,000 ohms		
6AF4 6AF4-A	UHF Triode Oscillator	7DK	5-2 5-1	Htr	6.3	0.225	150	—	2.2	0.45	1.9
6AF5-G	Low-Mu Triode	6Q	12-7	Htr	6.3	0.3	180	—	—	—	—
6AF6-G	Twin Electron-Ray Indicator	7AG	9-1 or 9-36	Htr	6.3	0.15	—	Max target voltage = 250 Min target voltage = 125			
6AG5	Sharp-Cutoff RF Pentode	7BD	5-2	Htr	6.3	0.3	300	150	Pentode Connection — Triode Connection (G_1 & P tied)		
6AG7	Power Amplifier Pentode	8Y	8-6	Htr	6.3	0.65	300	300	13	7.5	0.06
6AH4-GT	Low-Mu Triode	8EL	9-41	Htr	6.3	0.75	500	—	7.0	1.7	4.4
6AH6	Sharp-Cutoff RF Pentode	7BK	5-2	Htr	6.3	0.45	300	150	Pentode Connection — Triode Connection (G_1 , G_2 & P tied)		
6AH7-GT	Medium-Mu Twin-Triode	8BE	9-7	Htr	6.3	0.3	180	—	—	—	—
6AJ4	UHF High-Mu Triode	9BX	6-1	Htr	6.3	0.225	150	—	—	—	—
6AJ6	Sharp-Cutoff RF Pentode	7BD	5-1	Htr	6.3	0.175	180	90	4.0	2.8	0.02
6AJ7	RF Pentode	8N	8-1	Htr	6.3	0.45	300	150	11	5	0.015

Metal tubes are shown in bold-face type, miniature tubes in *italics*.

Ⓢ Subminiature type.



Service	Plate Volts	Screen Volts	Neg Grid Volts	Plate Milli-amperes	Screen Milli-amperes	R_p , Ohms	G_m , μ hos	# Fac-tor	Load for Rated Out-put, Ohms	Power Out-put, Watts	Tube Type
Class A Amplifier	100	—	$R_k = 820$	1.4	—	35,000	2000	70	—	—	6AD4
Tuning Indicator	Target voltage = 150 (Ray control = +75 volts, shadow = 0°) (Ray control = +5 volts, shadow = 80°)										6AD6-G
Class A Amplifier	250	—	25	3.7	—	19,000	325	6.0	—	—	6AD7-G
Class A Amplifier	250	250	16.5	34†	6.5†	80,000	2,500	—	7,000	3.2	6AD8
Class A Amplifier	250	85	2.0	6.7	2.3	1,000,000	1,100	—	—	—	6AE5-GT
Class A Amplifier	95	—	15	7.0	—	3,500	1,200	4.2	—	—	6AE6-G
Class A Amplifier	250	—	1.5	6.5	—	25,000	1,000	25	—	—	6AE7-GT
Class A Amplifier	250	—	1.5	4.5	—	35,000	950	33	—	—	6AE8
Class A Amplifier	250	—	13.5	5	—	9,300	1,500	14	—	—	6AF4 6AF4-A
Converter	250	75	0	4.5	3.4	700,000	780	#	E_b (Triode Osc) = 100 I_b (Triode) = 4.5 ma		6AF5-G
Class A Amplifier	80	—	$R_k = 150$	16	—	2,270	6,800	15	—	—	6AF6-G
Class A Amplifier	180	—	18	7.0	—	4,900	1,500	7.4	—	—	6AG5
Tuning Indicator	Target voltage = 250 (Ray control = +155 volts, shadow = 0°) (Ray control = 0 v, shadow = 100°, target current = 3.75 ma)										6AG7
Class A Amplifier	250	150	$R_k = 180$	6.5	2.0	800,000	5,000	—	—	—	6AH4-GT
Class A Amplifier	250	—	$R_k = 820$	5.5	—	10,000	3,800	42	—	—	6AH6
Class A Amplifier	300	150	3.0	30†	7.0†	130,000	11,000	—	10,000	3.0	6AH7-GT
Vertical Deflection Amplifier	250	—	23	30	—	1,780	4,500	8.0	—	—	6AJ4
Class A Amplifier	Max positive pulse plate voltage; $E = 2000$ v; max plate dissipation = 7.5 watts; max d-c cathode current = 60 ma										6AJ6
Class A Amplifier	300	150	$R_k = 160$	10	2.5	500,000	9,000	—	—	—	6AJ7
Class A Amplifier	150	—	$R_k = 160$	12.5	—	3,600	11,000	40	—	—	9BX
Class A Amplifier	180	—	6.5	7.6	—	8,400	1,900	16	—	—	9T
Class A Amplifier	125	—	$R_k = 68$	16	—	4,200	10,000	42	—	—	
Class A Amplifier	28	28	1.0	2.7	1.0	100,000	2,500	—	—	—	
Class A Amplifier	300	150	$R_k = 160$	10	2.5	1,000,000	9,000	—	—	—	

Ⓢ Approximate.

▲ Without external shield.

† Zero signal.

‡ Grids 3 and 5 are screen. Grid 4 is signal.

§ Input grid.

Conversion transconductance.

* Maximum.

♥ Grids 2 and 4 are screen. Grid 3 is signal.

♦ Input grid.

✱ Screen supply voltage.

✱ Absolute maximum rating.

† Plate-to-plate.

♣ Per section.

Ⓢ For both sections.

* Minimum.

♥ Heater warm-up time controlled for series-string service.

♣ Plate supply voltage.

‡ Input plate.

* The duration of the pulse voltage must not exceed 15 percent of one scanning cycle.

† Section 1.

‡ Section 2.

♣ A resistor of 3 ohms must be put in series with heater.