

SYLVANIA TUBES — AVERAGE CHARACTERISTICS

Type	Construction		Emitter			Note (1) (2) Capacitances in μ f.			Use	Plate Volts	Negative Grid Volts	Screen Volts	Plate Current Ma.	Screen Current Ma.	Plate Resistance Ohms	Transconductance Micromhos	Amplification Factor	Ohms Load for Stated Power Output	Power Output Milli-watts	Type
	Bulb Size or Style	Class	Basing Diag.	Type	Volts	Amps.	Cgp.	Cin.													Cout
6AB7	Metal	Pentode	8N-1-1	Cathode	6.3	0.45	.015m	8.0	5.0	300	3.0	200	12.5	3.2	700,000 ϕ	5,000	3,500	7,000	3,700	6AB7
6AC5GT	T-9	Triode	6Q-0-0	Cathode	6.3	0.40	.....	.....	.....	950 250 250	-13 (Bias from 76 Driver) 32.0 3.0#	.....	.....	.....	.....	.....	.....	10,000 \parallel	8,000	6AC5GT
6AC6GT	T-9	Duotriode	7W-0-0	Cathode	6.3	1.1	.....	.....	.....	180 180	0.0 0.0	.....	.....	.....	.....	.....	.....	.....	.....	6AC6GT
6AC7	Metal	Pentode	8N-1-1	Cathode	6.3	0.45	.015m	11.0	5.0	300	160	150	45.0	2.5	1.0 Meg. ϕ	9,000	6,750 ϕ	3,500	3,600	6AC7
6AD4	T-3	Triode	8DK-0-0	Cathode	6.3	0.15	0.7	1.9	9.9	100	820	.....	.....	.....	.....	.....	.....	.....	.....	6AD4
6AD5G, GT	ST-12, I-9	Triode	6Q-0-0	Cathode	6.3	0.3	3.3*	4.1*	3.9*	100	820	.....	.....	.....	.....	.....	.....	.....	.....	6AD5G, GT
6AD6G	T-9	Electron Ray	7AG-0-0	Cathode	6.3	0.15	.....	.....	.....	250	2.0	.....	.....	.....	.....	.....	.....	.....	.....	6AD6G
6AD7G	ST-14	Tri. Pentode	8AY-0-0	Cathode	6.3	0.85	.....	.....	.....	950 250 250	13.5 16.5 15	.....	.....	.....	.....	.....	.....	.....	.....	6AD7G
6AE5GT	T-9	Triode	6Q-0-0	Cathode	6.3	0.30	.....	.....	.....	95	15	.....	.....	.....	.....	.....	.....	.....	.....	6AE5GT
6AE6G	ST-12	Duo Plate Triode	7AH-0-0	Cathode	6.3	0.15	.....	.....	.....	950 950 950	1.5 35.0 1.5	.....	.....	.....	.....	.....	.....	.....	.....	6AE6G
6AE7GT	T-9	Duotriode	7AX-0-0	Cathode	6.3	0.50	2.5#	3.0	1.8	950	13.5	.....	.....	.....	.....	.....	.....	.....	.....	6AE7GT
6AF4, 6AF4A	T-5 1/2	Triode	7DK	Cathode	6.3	0.225	1.9*	2.2*	0.45*	100	-4	.....	.....	.....	.....	.....	.....	.....	.....	6AF4, 6AF4A
6AF5G	ST-12	Triode	6Q-0-0	Cathode	6.3	0.30	.....	.....	.....	180	18.0	.....	.....	.....	.....	.....	.....	.....	.....	6AF5G
6AF6G	T-9	Twin Elec. Ray	7AG-0-0	Cathode	6.3	0.15	.....	.....	.....	100	.....	.....	.....	.....	.....	.....	.....	.....	.....	6AF6G
6AG5	T-5 1/2	Pentode	7BD-0-2&7	Cathode	6.3	0.30	0.025m	6.1	2.3	100 100 125 250	100 100 125 250	.....	.....	.....	.....	.....	.....	.....	.....	6AG5
6AG7	Metal	Pentode	8Y-1-3	Cathode	6.3	0.65	.06	13.0	7.5	300	3	150	30.0	7.0	130,000	11,000	.....	.....	.....	6AG7
6AH4GT	T-9	Triode	8EL	Cathode	6.3	0.75	4.4*	7.0*	1.7*	250	18	.....	.....	.....	.....	.....	.....	.....	.....	6AH4GT
6AH5G	ST-16	Beam Amp.	6AP-0-0	Cathode	6.3	0.9	.....	.....	.....	350	18	.....	.....	.....	.....	.....	.....	.....	.....	6AH5G
6AH6	T-5 1/2	Pentode	7BK-0-0	Cathode	6.3	0.45	0.02m	10	3.6	300	160	150	10	2.5	500,000	9,000	.....	.....	.....	6AH6
6AH6V	T-9	Duotriode	8BE-0-0	Cathode	6.3	0.30	.035m	10	3.6	150	160	.....	.....	.....	.....	.....	.....	.....	.....	6AH6V
6AH7GT	T-9	Triode	9BX	Cathode	6.3	0.225	.....	.....	.....	125	68	.....	.....	.....	.....	.....	.....	.....	.....	6AH7GT
6AJ4	T-5 1/2	Pentode	7BD-0-0	Cathode	6.3	0.175	0.02	4.0	2.8	28	270	.....	.....	.....	.....	.....	.....	.....	.....	6AJ4
6AJ5	T-5 1/2	Pentode	8N-1-1	Cathode	6.3	0.45	.....	.....	.....	300	160	.....	.....	.....	.....	.....	.....	.....	.....	6AJ5
6AK4	T-3	Triode	8DK	Cathode	6.3	0.125	1.3	2.2	2.2	200	680	.....	.....	.....	.....	.....	.....	.....	.....	6AK4
6AK5	T-5 1/2	Pentode	7BD-0-2&7	Cathode	6.3	0.175	.01	3.9	2.85	120	200	190	7.5	2.5	340,000	5,000	.....	.....	.....	6AK5
6AK6	T-5 1/2	Pentode	7BK-0-0	Cathode	6.3	0.15	0.19*	3.6*	4.2*	180	9.0	180	15.0	2.5	200,000	2,300	.....	.....	.....	6AK6
6AK7	Metal	Pentode	8Y-1-3	Cathode	6.3	0.65	0.06	13.0	7.5	300	3	150	30.0	7.0	130,000	11,000	.....	.....	.....	6AK7
6AL5	T-5 1/2	Duotriode	6BT-0-6	Cathode	6.3	0.30	.....	.....	.....	117 A.C. Volts Per Plate, RMS, 9 Ma. Output Current.	.....	.....	.....	.....	.....	.....	.....	.....	.....	6AL5
6AL6G	ST-16	Beam Amp.	6AM-0-0	Cathode	6.3	0.9	.....	.....	.....	300	160	.....	.....	.....	.....	.....	.....	.....	.....	6AL6G
6AL7GT	T-9	Electron Ray	8CH-0-0	Cathode	6.3	0.15	.....	.....	.....	315 \ddagger	.....	.....	.....	.....	.....	.....	.....	.....	.....	6AL7GT
6AM4	T-6 1/2	Triode	9BX	Cathode	6.3	0.225	.....	.....	.....	200	100	.....	.....	.....	.....	.....	.....	.....	.....	6AM4
6AM5	T-5 1/2	Pentode	6CH-0-0	Cathode	6.3	0.2	.....	.....	.....	250	13.5	250	16	2.4	130,000	2,600	.....	.....	.....	6AM5
6AM6	T-5 1/2	Pentode	7DB-0-6	Cathode	6.3	0.3	0.01	10.0	3.25	200	120	150	11.5	2.5	480,000	4,300	.....	.....	.....	6AM6
6AM8	T-6 1/2	Diode Pent.	9CY	Cathode	6.3	0.45	0.015	6.0	3.4	200	120	150	11.5	2.7	0.6 Meg	7,000	.....	.....	.....	6AM8
6AN4	T-5 1/2	Triode	7DK	Cathode	6.3	0.225	1.7*	2.9*	0.25*	200	100	.....	.....	.....	.....	.....	.....	.....	.....	6AN4
6AN5	T-5 1/2	Pentode	7BD-0-0	Cathode	6.3	0.45	.075	9.0	4.8	120	6.0	190	35.0	12.0	12,500 ϕ	8,000	.....	.....	.....	6AN5
6AN6	T-5 1/2	Quadruple Di.	7BJ-0-0	Cathode	6.3	0.20	.....	.....	.....	75 Volts RMS Per Plate, 8 Ma. D-C Output Per Plate.	.....	.....	.....	.....	.....	.....	.....	.....	.....	6AN6
6AN7	T-6 1/2	Tri. Hexode	9Q-0-3	Cathode	6.3	0.23	0.1	3.8	9.2	950 250 250	.....	.....	.....	.....	.....	.....	.....	.....	.....	6AN7

(1) Values are given shielded unless marked with (*).

(2) Converter tube capacitances given are signal grid to plate; RF input, Mixer Output.

(3) Has special mechanical and/or life characteristics.

†† For two tubes with 40 volts RMS applied to each grid.

* Applied through 250,000 ohms.

† Pentode Operation.

‡ Per tube or section.

§ Plate and Target Supply Voltage.

□ Applied through 20,000 ohms.

⊠ Conversion Transconductance.

** Triode Operation.

⊕ Approximate.

⊖ maximum Cathode Resistor (ohms).

⊗ Pentode Operation.

⊘ Plate to Plate.

⊙ Approximate.