

## SPECIAL PURPOSE TUBES—RECEIVING AND MISCELLANEOUS TYPES

TYPE	CONSTRUCTION			EMITTER			NOTES (1) (2) CAPACITIES IN $\mu\mu f$			USE	PLATE VOLTS	SCREEN VOLTS	NEG. GRID VOLTS	PLATE CUR- RENT MA	SCREEN CUR- RENT MA	PLATE RESIST- ANCE OHMS	AMP. FACTOR OR Gm $\mu\text{MHOS}$	OHMS LOAD FOR STATED POWER OUTPUT	POWER OUTPUT MW
	CLASS	STYLE	BASE	TYPE	VOLTS	AMPS	C <sub>gp</sub>	C <sub>in</sub>	C <sub>out</sub>										
2 X2A (3)	Diode	ST-12	4AB	Cathode	2.5	1.75	...	...	...	H. W. Rectifier	4500 A C Volts per plate RMS, 7.5 Ma Output Current, Capacitor Input to Filter, 12,500 peak Inverse voltage.								
3A4	Pentode	T-5½	7BB	Filament	1.4 2.8	0.20 0.10	0.35m ...	4.8 ...	7.0 ...	Power Amplifier	135 150	90 90	7.5 8.4	14.8 13.3	2.6 2.2	90,000 100,000	1,900 1,900	8,000 8,000	600 700
3A5	Duotriode	T-5½	7BC	Filament	1.4 2.8	0.22 0.11	3.0 ...	1.1 ...	1.9 ...	Amplifier	90 135	.... ....	2.5 20.0	3.7% 30.0	.... Push-Pull Class C	8,300% R F Amplifier	15 ...	....	2,000
5R4GY	Duodiode	ST-16	5T	Filament	5.0	2.0	...	...	...	F. W. Rectifier	900 Volts per plate RMS, 150 Ma D C Output, Capacitor Input to Filter. (Low Loss Base) 950 Volts per plate RMS, 175 Ma D C Output, Choke Input to Filter.								
6AJ5	Pentode	T-5½	7BD	Cathode	6.3	0.175	0.02	4.0	2.8	R F Amplifier	28	28	1.0	2.7	1.0	100,000	2,500	...	R <sub>k</sub> =270 Ohms
6AN6	Quadruple Diode	T-5½	7BJ	Cathode	6.3	0.20	...	...	...	Rectifier	75 Volts RMS per plate, 8 Ma D C Output per plate.								
6AS6	Pentode	T-5½	7CM	Cathode	6.3	0.175	0.02	4.0	3.0	R F Amplifier	120	120	2.0	3.6	4.8	...	Gm for G <sub>1</sub> = 1850; Gm for G <sub>3</sub> = 810		
6AS7G	Duotriode	ST-16	8BD	Cathode	6.3	2.5	...	...	...	Power Amplifier	135	....	250▲	125	....	280	2	...	...
6J4	Triode	T-5½	7BQ	Cathode	6.3	0.40	...	...	...	Amplifier	150	....	200▲	15.0	....	4,500	55	...	...
6J7WGT (3)	Ruggedized version of Type 6J7GT. Data same as Type 6J7GT.																		
6L6GAY	Low Loss Base. Data same as Type 6L6GA.																		
6SA7GT Y	Low Loss Base. Data same as Type 6SA7GT.																		
6SK7GT Y	Low Loss Base. Data same as Type 6SK7GT.																		
6SL7WGT (3)	Ruggedized version of Type 6SL7GT. Data same as Type 6SL7GT.																		
6SN7WGT (3)	Ruggedized version of Type 6SN7GT. Data same as Type 6SN7GT.																		
6SS7GT Y	Pentode	T-9	8N	Cathode	6.3	0.15	...	...	...	R F Amplifier	Low Loss Base. Characteristics same as Type 6SS7.								
6V6GT Y	Low Loss Base. Data same as Type 6V6GT.																		
6 X5WGT (3)	Ruggedized version of Type 6 X5GT. Data same as Type 6 X5GT.																		