

SPECIAL PURPOSE TUBES—TRANSMITTING TYPES

TYPE	CONSTRUCTION			EMITTER		CAPACITANCES			MAXIMUM RATINGS			TYPICAL OPERATION									
	CLASS	STYLE	BASE	VOLTS	AMPS	C _{gp}	C _{in}	C _{out}	PLATE DISS. WATTS	PLATE CUR-RENT MA	MAX. FREQ. MC	CLASS, OPERATION AND USE*	E _b VOLTS	E _{c2} VOLTS	E _{r1} NEG. VOLTS	I _b MA	I _{c2} MA	I _{e1} MA	P-P LOAD IN OHMS	DRIVING POWER WATTS	POWER OUTPUT WATTS
5763	Beam Power Tube	T-6½	9K	6.0	0.75	0.3m	9.5	4.5	8	40	30	C Amp. (Telephony) CCS	250	250	39	40	5.6	1.0	Grid 3 to Cathode at Socket	0.05♠	6.4♠
									12	50	30	C Amp. (Telephony) ICAS	300	250	42.5	50	6	2.4		0.15♠	10♠
									12	50	50	C Amp. (Telegraphy) CCS	300	250	60	50	5.0	3.0		0.35♠	7♠
									13.5	50	30	C Amp. (Telegraphy) ICAS	350	250	28.5	48.5	6.2	1.6		0.1♠	12♠
									12	50	175	Freq. Multi. (Doubler) CCS	300	250	75	40	4	1		0.6	2.1♠
									12	50	175	Freq. Multi. (Tripler) CCS	300	250	100	35	5	1		0.6	1.3♠
5933	Beam Amp.	T-12	5AW	6.3	0.9	0.2m	12.0	7.0				Same as Type 807W. For operating characteristics see Type 807 in complete data section.									
6146	Beam Power Tube	T-12	7CK	6.3	1.25	0.22m	13.5	8.5	20	125	...	AB ₁ Amp. and Mod. CCS†	600	180	45	200♥	23♥	90%	7,000	0♠	82♠
									25	135	...	AB ₁ Amp. and Mod. ICAS†	750	190	50	220♥	26♥	100%	8,000	0♠	120♠
									20	125	...	AB ₂ Amp. and Mod. CCS†	600	165	44	207♥	17♥	97%	6,800	0.2	90
									25	135	...	AB ₂ Amp. and Mod. ICAS†	750	165	46	240♥	20♥	108%	7,400	0.04	131
									13.3	117	60	C Amp. (Telephony) CCS	475	135	77	94	6.4	2.8♠	R _{e2} = 51,000	0.3	34
									16.7	125	60	C Amp. (Telephony) ICAS	600	150	87	112	7.8	3.4♠	R _{e2} = 56,000	0.4	52
									20	140	60	C Amp. (Telegraphy) CCS	600	150	58	112	9	2.8♠	R _{e2} = 51,000	0.2	52
									25	150	60	C Amp. (Telegraphy) ICAS	750	160	62	120	11	3.1♠	R _{e2} = 56,000	0.2	70
	25	150	175	C Amp. (Telegraphy) ICAS	400	190	54	150	10.4	2.2♠	R _{e2} = 20,000	3.0	35								
6159	V H F Beam Power Tube	T-12	7CK	26.5	0.3	0.22	13.5	8.5				Other characteristics same as Type 6146.									

NOTES: m Maximum.
s Shield.
§ Reduced Ratings for 160 Mc.
† Typical operation values are for 2 tubes.
♥ Grid Resistor—ohms.

* Telephony operation is plate modulated. Key down conditions per tube without amplitude modulation.
♥ Maximum Signal.
♠ Approximate.
* Peak Grid to grid A F Volts.