



Transmitting tubes

telecommunications power tetrodes book 2 part 4

Type No.	Description	Approx. Output at Full Ratings (W)	Max. Frequency at Full Ratings (MHz)	Max. Frequency at Reduced Ratings (MHz)	p_a Max. (W)	V_a Max. (V)	V_{g2} Max. (V)	I_k Max. (mA)	V_f or V_h (V)	I_f or I_h (A)	Base
QV03-12 (CV2129)	Natural cooling	10	30	175	12	300	250	70	6.0	0.75	B9A
QV06-20 QV06-20B QV06-20C	Natural cooling	52	60	175	20	600	250	160	6.3 12.6(B) 26.5(C)	1.25 0.625 0.3	Octal Octal Octal
YL1150	Radiation cooled	150	60	—	75	750	300	360	6.3	2.6	B7A
QV08-100 QV08-100B YL1290 }	Radiation cooled	200	30	—	100	825	300	450	6.3 19	3.9 2.3	B5F
QY3-65 (CV1905) (CV6122)	Radiation cooled	280	50	250	65	3 000	400	230	6.0	3.5	B7A
QY3-125 (CV2130)	Radiation cooled	375	120	200	125	3 000	400	300	5.0	6.5	B5F
QV2-250C 4CX250B }	External anode Forced-air cooled	390	500	—	250	2 000	300	250 _a	6.0	2.6	B8F
YL1110	External anode Forced-air cooled Ceramic/metal	800	400	1 215	700	2 500	1 200	650	6.3	7.85	Coaxial
QY4-500A	External anode Forced-air cooled	930	110	220	500	4 000	500	440	5.0	13.5	Special
QY4-250 (CV2131)	Forced-air cooled	1 000	75	120	250	4 000	600	420	5.0	14.1	B5F
QY4-400 (CV5959)	Forced-air cooled	1 100	110	—	400	4 000	600	420	5.0	14.5	B5F
QY5-500	Radiation cooled	1 760	75	110	500	5 000	700	600	10	9.9	B5K
YL1440	Forced-air cooled Ceramic/metal	2 250	250	—	1 500	4 000	600	1 200	4.2	55	Coaxial
QY5-3000A (CV5219) QY5-300W }	Forced-air cooled Water cooled	4 100	75	220	3 000	5 000	800	1 300	6.3	32.5	Special
YL1470	Forced-air cooled Ceramic/metal	5 700	110	—	6 000	7 000	1 000	4 500	6.3	120	Coaxial
YL1420	Forced-air cooled Ceramic/metal	6 300	250	—	6 000	6 000	1 000	4 500	6.3	120	Coaxial
YL1430	Forced-air cooled Ceramic/metal	13 000	250	—	12 000	8 000	1 000	8 500	8.0	120	Coaxial
YL1520	External anode Forced-air cooled Ceramic/metal	27 500	250	—	18 000	9 000	1 000	9 000	11.5	120	Coaxial

^a I_a max.