



Receiving valves

r. f. pentodes book 2 part 1

Type No.	Description	g_m (mA/V)	$-V_{g1} \ddagger$ (V)	$\mu g_1 - g_2$	r_a (M Ω)	V_a (V)	V_{g2} (V)	$-V_{g1}$ (V)	I_a (mA)	I_{g2} (mA)	$I_{h \dagger}$ (mA)	Base
EF92 (CV131) §M8161 (CV4015)	Variable- μ	2.45	27	30	0.9	200	200	2.5	8.25	2.1	200	B7G
6AS6 (CV2522) §M8196 (CV4011)	Dual control	3.2	—	—	0.15	120	120	2.0	5.1	3.5	175	B7G
EF95 (CV850) §M8100 (CV4010)	Low Noise	5.1	—	35	0.4	180	120	2.0	7.7	2.4	175	B7G
EF80 (CV1376)	General purpose	7.4	—	50	0.4	170	170	2.0	10	2.5	300	B9A
EF91 (CV138) §M8083 (CV4014)	General purpose	7.6	—	70	>0.5	250	250	2.0	10	2.6	300	B7G
EF183	Frame grid, variable- μ	12.5	14.5	—	0.5	200	90	2.0	12	4.5	300	B9A
EF184	Frame grid, sharp cut-off	15	—	60	0.38	200	200	2.5	10	4.1	300	B9A
§E180F (CV3998)	Wideband amplifier	16.5	—	50	0.09	180	150	1.25	13	3.3	300	B9A
§E810F (CV5809)	Wideband amplifier	50	—	57	0.042	120	150	1.9	35	5.0	340	B9A

§ This is a Special Quality Type.

† $V_h=6.3V$.

‡ For 100:1 reduction in g_m .

diodes and double diodes

Type No.	Description	P.I.V. max. (V)	I_a max. (mA)	I_a (pk) max. (mA)	$I_{h \dagger}$ (mA)	Base
EB91 (CV140) §M8079 (CV4025)	Double Diode with separate cathodes	420 ^a	9.0 ^a	54 ^a	300	B7G
EA52 (CV5140)	U.H.F. Measurements Diode	1000 ^b	0.3 ^b	5.0 ^b	300	Flying Lead

^a Design Centre Ratings.

^b Absolute Ratings.

§ This is a Special Quality Type.

† $V_h=6.3V$.

triode

Type No.	Description	V_a (kV)	p_a max. (W)	$-V_g$ at $I_a=1.5mA$ (V)	$-V_g$ max. at $I_a=0.1mA$ (V)	V_h (V)	I_h (mA)	Base
PD500	Shunt stabiliser for colour tv	25	30	7 to 30	40	7.3	300	B9D