



# Transmitting tubes

## telecommunications power triodes book 2 part 4

Type No.	Approx. Output at Full Ratings (kW)	Max. Frequency at Full Ratings (MHz)	Max. Frequency at Reduced Ratings (MHz)	$p_a$ max. (kW)	$V_a$ max. (kV)	$I_k$ max. (A)	$V_f$ or $V_h$ (V)	$I_f$ or $I_h$ (A)	Base
<b>YD1331</b>	0.25	1000	—	0.9	3.5	0.55	6.3	5.4	Coaxial
<b>TY2-125</b> (CV1924)	0.39	150	200	0.135	2.5	0.25	6.3	5.4	B5F
<b>TY4-400</b>	1.2	100	—	0.35	4.0	0.49	5.0	14	B5F
<b>TY4-500</b>	1.69	100	120	0.45	4.0	0.65	10	9.9	B5K
<b>TY6-5000A</b> } (CV3926) <b>TY6-5000W</b> <b>TY6-5000H</b>	6.9	75	220	5.0 6.0 6.0	6.0	1.85	12.6	33	—
<b>TY7-6000A</b> } (CV5239) <b>TY7-6000W</b> <b>TY7-6000H</b>	10	30	—	6.0	7.2	2.8	12.6	33	—
<b>TY8-15A</b> <b>TY8-15H</b>	17.7	30	—	10 15	8.0	5.5	6.3	130	—
<b>TY12-15A</b>	41	30	—	15	13	5.8	8.0	130	—

Suffixes A, W and H to power triode type numbers indicate forced-air, water cooled and water cooled (integral helix) respectively.