



TYPE NUMBER	Cooling ¹	FILAMENT		CATHODE		CONFLAT Size, in.	D _{GK} , microns	MAXIMUM RATINGS			EMISSION	
		Volts	Amps	Area, sq. cm.	Type ²			E _r , V	E _c , Vdc	I _c , mAdc	E _c , Vdc	Ib, Amps
Y-809	A/CC	6.0	1.3	0.1	D	2 3/4	135	6.3	-150	50	6.0	0.003
YU-180	A/CC	6.0	1.3	0.1	D	2 3/4	150	6.6	-150	50	150	0.25
Y-646B	A/CC	6.0	1.4	0.5	D	N/A	150	6.3	-150	50	150	0.75
Y-845	A/CC	6.0	1.4	0.5	D	2 3/4	140	7.5	-150	25	100	1.25
Y-646E	A/CC	6.3	2.2	1.0	D	N/A	150	6.6	-200	75	100	3
YU-171	A/CC	6.3	2.2	1.0	D	2 3/4	160	7.5	-150	25	100	3
Y-646	A/CC	6.3	1.3	0.8	O	N/A	150	6.6	-150	45	180	10
Y-796	A/CC	6.0	5.8	2.0	D	3 3/8	170	7.5	-150	50	100	12
Y-824	A/CC	6.0	5.8	2.0	D	2 3/4	190	7.5	-150	50	200	15
YU-156	A/CC	6.0	8.3	3.0	D	3 3/8	170	7.5	-150	550	100	18

¹ All gun assemblies are forced air and conduction cooled

² O = Oxide Cathode, D = Dispenser Cathode

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.



For information on this and other CPI MPP products, visit our website at: www.cpii.com, or contact: CPI Microwave Products Division, Eimac Operation, 607 Hansen Way, Palo Alto, CA 94303
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