

The 8295A is a radial beam pentode intended for use as a linear amplifier. The anode is forced-air cooled and has a maximum dissipation rating of 1 kilowatt.

## CHARACTERISTICS

Plate Dissipation (Max.)	1000 Watts
Screen Dissipation (Max.)	30 Watts
Grid Dissipation (Max.)	0.5 Watt
Frequency for Max. rating (CW)	30 MHz
Amplification Factor	3.4
Filament/Cathode	Oxide
Voltage	6.0 Volts
Current	8.2 Amps
Capacitance	Grounded Cathode
Input	40 pf
Output	18.5 pf
Feedthrough	0.09 pf
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Cooling	Forced Air
Base	Special 7-Pin
Air Socket	SK-184, SK-184A
Air Chimney	N/A
Boiler	N/A
Length	5.05 in; 12.8 cm
Diameter	4.03 in; 10.2 cm
Weight	2.8 lb; 1.27 kg

Class of Operation	Type of Service	MAXIMUM RATINGS		TYPICAL OPERATION				
		Plate Voltage (Volts)	Plate Current (Amps)	Plate Voltage (Volts)	Screen Voltage (Volts)	Plate Current (Amps)	Drive Power (Watts)	Output Power (kiloWatts)
AB1	RF linear amplifier	3,000	0.8	3,000	500	0.8	50	1.7

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.



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