

The 3CX3000A1/8238 low- $\mu$  power triode is forced air cooled and is intended for use as an audio amplifier or modulator. Available high plate current under Class AB1 operating conditions permits high power gain with a minimum of distortion. The tube is coaxial in construction.



## CHARACTERISTICS

Plate Dissipation (Max.)	4,000 Watts
Screen Dissipation (Max.)	---
Grid Dissipation (Max.)	50 Watts
Frequency for Max. rating (CW)	--- MHz
Amplification Factor	5
Filament/Cathode	Thoriated Tungsten
Voltage	7.5 Volts
Current	51.5 Amps
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Cooling	Forced Air
Base	Coaxial
Air Socket	---
Air Chimney	---
Boiler	---
Length	9.00 in; 228.60 mm
Diameter	4.16 in; 105.70 mm
Weight	6.2 lb ; 2.8 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	Grid driven AF amplifier or modulator	6,000	2.5	5,500	---	2.2	---	8.25

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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