

The 8560AS is intended for use as an RF amplifier or oscillator or in audio amplifier or modulation service. It has electrical characteristics similar but not identical to the 4CX250B/7203. The 8560AS is designed for conduction cooling and is nominally rated for 200 watts anode dissipation.



## CHARACTERISTICS

Plate Dissipation (Max.)	200 Watts
Screen Dissipation (Max.)	12 Watts
Grid Dissipation (Max.)	2 Watts
Frequency for Max. rating (CW)	500 MHz
Amplification Factor	5
Filament/Cathode	Oxide Coated
Voltage	6.3 Volts
Current	2.6 Amps
Capacitance	Grounded Cathode
Input	16.5 pf
Output	4.6 pf
Feedthrough	.04 pf
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Cooling	Conduction
Base	9 Pin Special
Air Socket	n/a
Air Chimney	---
Boiler	---
Length	2.45 in; 62.1 mm
Diameter	1.63 in; 41.4 mm
Weight	8.2 oz; 235 gm

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)
C	RF amplifier	2,000	0.25	2,000	250	0.25	2.9	0.390
C	RF amplifier plate modulated	1,500	0.20	1,500	250	0.20	1.7	0.235
AB1	RF linear amplifier	2,000	0.25	2,000	350	0.25	---	0.300
AB1	RF amplifier or modulator	2,000	0.25	2,000	350	0.50	---	0.600

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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