

The 4CX350A/8321 has a maximum plate dissipation of 350 watts and is intended for Class AB audio or RF amplifier service. The tube is externally identical to the 4CX250B but contains rugged internal construction features. Amplification factor and cathode area have been increased over the basic 4CX250B to give higher transconductance and figure of merit.



CHARACTERISTICS

Plate Dissipation (Max.)	350 Watts
Screen Dissipation (Max.)	8 Watts
Grid Dissipation (Max.)	0 Watts
Frequency for Max. rating (CW)	110 MHz
Amplification Factor	13
Filament/Cathode	Oxide Coated
Voltage	6.0 Volts
Current	2.9 Amps
Capacitance	Grounded Cathode
Input	23.6 pf
Output	5.6 pf
Feedthrough	.03 pf
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Cooling	Forced Air
Base	9 Pin Special
Air Socket	SK-600A
Air Chimney	SK-606
Boiler	---
Length	2.47 in; 62.60 mm
Diameter	1.64 in; 41.60 mm
Weight	4 oz; 113 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)
AB1	RF linear amplifier	2,500	0.30	2,200	400	0.29	---	0.385
AB1	AF amplifier or modulator	2,500	0.30	2,200	400	0.58	---	0.770

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 products, visit our website at: www.cpii.com, or contact: CPI MPP Division, Eimac Operation, 607 Hansen Way, Palo Alto, CA 94303
TELEPHONE: 1(800) 414-8823. **FAX:** (650) 592-9988 | **EMAIL:** powergrid@cpii.com