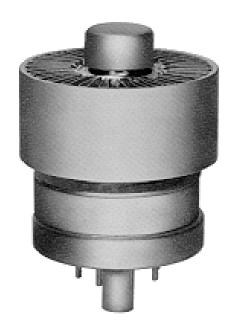




The 4CX350A/8321 has a maximum plate dissipation of 350 watts and is intended for Class AB audio or RF amplifier service. The tube is externally identical to the 4CX250B but contains rugged internal construction features. Amplification factor and cathode area have been increased over the basic 4CX250B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



## 4CX350A/8321

## **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

23.6 pf Input 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 SK-606 Air Chimney

 Length
 2.47 in; 62.60 mm

 Diameter
 1.64 in; 41.60 mm

 Weight
 4 oz; 113 gm

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		MAXIMUM RATINGS		TYPICAL OPERATION				
Class of Operation	Type of Service	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

Boiler

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

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