

Communications & Power Industries Tetrode



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.

FEATURES:

Maximum plate dissipation:	350 Watts
Maximum screen dissipation:	8 Watts
Maximum grid dissipation:	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:	0.3 pF
Capacitance: Grounded grid	---
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

BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

APPLICATIONS:

- Communications

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

With a history of producing high quality products, we can help you with your tetrode.

Contact us at MPPMarketing@cpii.com or call us at +1 650-846-2800. 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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For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

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