

## Communications & Power Industries Tetrode



The 4CX350AC/8321A is a compact air cooled tetrode. This tube is intended for use in equipment which normally uses the 4CX350 and where extended tube life is a concern. Externally the 4CX350AC/8321A is identical to the 4CX350A. Electrical characteristics are the same in both tube types with the exception that the heater warm-up time is increased to 40 seconds in the 4CX350AC/8321A.

### 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](mailto: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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