

## Communications & Power Industries Tetrode



The 4CX1500B/8660 is a low voltage, high current tetrode specifically designed for exceptionally low intermodulation distortion and low grid interception. The low distortion characteristics make the 4CX1500B/8660 especially suitable for radio frequency and audio frequency linear amplifier service.

### FEATURES:

Maximum plate dissipation:	1,500 Watts
Maximum screen dissipation:	12 Watts
Maximum grid dissipation:	1 Watts
Frequency for max rating (CW):	110 MHz
Amplification factor:	---
Filament/cathode:	Oxide Coated
Voltage:	6.0 Volts
Current:	10.0 Amps
Capacitance: Grounded cathode	
Input:	81.5 pF
Output:	11.8 pF
Feedthrough:	0.2 pF
Capacitance: Grounded grid	
Input:	--- pF
Output:	--- pF
Feedthrough:	--- pF
Cooling:	Forced Air
Base:	Special, Breechblock
Air Socket:	SK-800B
Air Chimney:	SK-806
Boiler:	---
Length:	4.80 in; 121.90 mm
Diameter:	3.37 in; 85.60 mm
Weight:	27 oz; 0.77 kg

### BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

### APPLICATIONS:

- Communications
- Amateur Service

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)
AB AB1	RF Linear Amplifier	3,000	0.90	2,900	225	0.71	---	1.1
	AF Amplifier or Modulator	3,000	0.90	2,900	325	1.7	---	2.774

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.



**Microwave Power  
Products Division**  
811 Hansen Way  
Palo Alto, California  
USA 94304

tel +1 650-846-2800  
fax +1 650-856-0705  
email [MPPMarketing@cpii.com](mailto:MPPMarketing@cpii.com)  
web [www.cpii.com/MPP](http://www.cpii.com/MPP)

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.

©2020 Communications & Power Industries LLC.  
Company proprietary: use and reproduction is strictly prohibited without written authorization from CPI.