

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.



## CHARACTERISTICS

Plate Dissipation (Max.)	1,500 Watts
Screen Dissipation (Max.)	12 Watts
Grid Dissipation (Max.)	1 Watts
Frequency for Max. rating (CW)	110 MHz
Amplification Factor	N/A
Filament/Cathode	Oxide Coated
Voltage	6.0 Volts
Current	10.0 Amps
Capacitance	Grounded Cathode
Input	81.5 pf
Output	11.8 pf
Feedthrough	.02 pf
Capacitance	N/A
Input	N/A
Output	N/A
Feedthrough	N/A
Cooling	Forced Air
Base	Special, Breech Block
Air Socket	SK-800B
Air Chimney	SK-806
Boiler	N/A
Length	4.80 in; 121.90 mm
Diameter	3.37 in; 85.60 mm
Weight	27 oz; 0.77 kg

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 AF Amplifier or Modulator	3,000	0.90	2,900	225	0.71	---	1.1
		3,000	0.90	2,900	325	1.7	---	2.774

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 MPP products, visit our website at: [www.cpii.com](http://www.cpii.com), or contact: CPI Microwave Products Division, Eimac Operation, 607 Hansen Way, Palo Alto, CA 94303  
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