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**
  - **Input**: 81.5 pf
  - **Output**: 11.8 pf
  - **Feedthrough**: .02 pf
- **Capacitance**
  - **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

### MAXIMUM RATINGS

<table>
<thead>
<tr>
<th>Class of Operation</th>
<th>Type of Service</th>
<th>Plate Voltage (Volts)</th>
<th>Plate Current (Amps)</th>
<th>Plate Voltage (Volts)</th>
<th>Screen Voltage (Volts)</th>
<th>Plate Current (Amps)</th>
<th>Drive Power (Watts)</th>
<th>Output Power (kiloWatts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB</td>
<td>RF Linear Amplifier</td>
<td>3,000</td>
<td>0.90</td>
<td>2,900</td>
<td>225</td>
<td>0.71</td>
<td>---</td>
<td>1.1</td>
</tr>
<tr>
<td>AB1</td>
<td>AF Amplifier or Modulator</td>
<td>3,000</td>
<td>0.90</td>
<td>2,900</td>
<td>325</td>
<td>1.7</td>
<td>---</td>
<td>2.774</td>
</tr>
</tbody>
</table>

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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