



**TDP**  
**TUBE 4CX300A / 8167**

GENERAL DESCRIPTION



The 4CX300A is a compact power tetrode having a maximum plate-dissipation rating of 300 watts. The ceramic/metal construction and the internally unitized electrode structure combine to make the 4CX300A especially durable and free from mechanically induced noise under conditions of severe acceleration caused by shock or vibration.

TECHNICAL SPECIFICATIONS

Plate Dissipation (Max.)	300 watts
Screen Dissipation (Max.)	12 watts
Grid Dissipation (Max.)	2 watts
Frequency for Max. Ratings (CW)	500 MHz
Cooling	Forced Air
Cathode	Oxide-coated Unipotential
Voltage	6.0 volts
Current	2.9 amperes
Capacitances (Grounded Cath. Connection)	29.0 pF
Input	4.0 pF
Output	0.04 pF
Feed-through	
Amplification Factor ( $g_1-g_2$ )	4.8
Transconductance	12,000 mhos
Base	Special, Breechblock
Recommended Air-System Socket	SK-700
Recommended Air Chimney	SK-606
Maximum Seal & Anode Core Temperature	250°C
Maximum Length	2.50 in; 63.50 mm
Maximum Diameter	1.64 in; 41.60 mm
Weight (approximate)	4 oz; 113 gm
Operating Position	Any

Specifications may change without notice

THIS TUBE IS USED IN THE FOLLOWING SHORTWAVE BROADCAST TRANSMITTERS

Manufacturer	Transmitter specifications	Power in kW
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Continental Electronics

416 C

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THIS TUBE IS AVAILABLE FROM

<p>Manufacturer Eimac Penta Laboratories</p>	<p>Rebuilder</p>	<p>Distributor Richardson Electronics Thomas J. Bruckner</p>
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PRICE LEVEL (US\$)

1	2	3	4	5	6
0 - 10	10 - 100	100 - 1000	1000 - 10,000	10,000 - 50,000	50,000 - 100,000

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For more information, contact

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