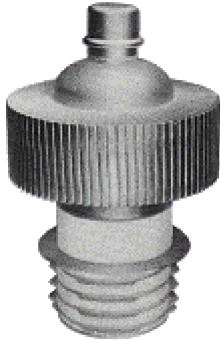




**TDP**  
**TUBE 5CX1500B**

GENERAL DESCRIPTION



The 5CX1500B is recommended primarily for use as a Class C RF power amplifier in CW, FM and AM service.

The 5CX1500B is recommended as a replacement for the 5CX1500A in broadcast applications.

TECHNICAL SPECIFICATIONS

Plate Dissipation (Max.)	1500 Watts
Suppressor Dissipation (Max.)	25 Watts
Screen Dissipation (Max.)	75 Watts
Grid Dissipation (Max.)	25 Watts
Frequency for Max. Ratings (CW)	110 MHz
Cooling	Forced Air
Filament	Thoriated Tungsten Mesh
Voltage	5.0 volts
Current	38.5 amperes
Capacitances (Grounded Cath. Connection)	75.0 pF
Input	17 pF
Output	0.2 pF
Feed-through	
Capacitances (Grounded Grid Connection)	34.5 pF
Input	19.0 pF
Output	0.05 pF
Feed-through	
Amplification Factor ( $g_1 - g_2$ )	5.5
Transconductance	24,000 mhos
Base	Special Ring and Breechblock
Recommended Air-System Socket	SK-840
Recommended Air Chimney	SK-806
Maximum Seal & Anode Core Temperature	250°C
Maximum Length	4.95 in; 12.57 cm
Maximum Diameter	3.37 in; 8.56 cm
Weight (approximate)	1.9 lb; 4.2 kg
Operating Position	Vertical, base up or down

Specifications may change without notice

THIS TUBE IS USED IN THE FOLLOWING SHORTWAVE BROADCAST TRANSMITTERS

Manufacturer	Transmitter specifications	Power in kW
CCA Electronics	AM 50,000D	50

THIS TUBE IS AVAILABLE FROM

Manufacturer	Rebuilder	Distributor
Eimac	Econco	Richardson Electronics
Penta Laboratories	Freeland Products	Thomas J. Bruckner
Svetlana	Kennetron	

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

2 3 4 5 6 8 BY C F ML Q RS TH YL

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