



TDP
TUBE 4CX1500A

GENERAL DESCRIPTION



The 4CX1500A is a general purpose tetrode for use up to and through VHF. Insulation is ceramic and the thoriated tungsten filament is a rugged mesh design. The screen terminal is a continuous ring which allows good isolation between the plate circuit and the control grid circuit.

The 4CX1500A is recommended for use as a Class C power amplifier, Class B or Class AB, linear amplifier as a regulator, and in pulse modulator service.

TECHNICAL SPECIFICATIONS

Plate Dissipation (Max.)	1500 watts
Screen Dissipation (Max.)	75 watts
Grid Dissipation (Max.)	25 watts
Frequency for Max. Ratings (CW)	150 MHz
Cooling	Forced Air
Filament	Thoriated Tungsten Mesh
Voltage	5.0 volts
Current	38.5 amperes
Capacitances (Grounded Cath. Connection)	78.0 pF
Input	10.5 pF
Output	0.25 pF
Feed-through	
Amplification Factor (g_1-g_2)	5.5
Transconductance	26,000 mhos
Base	Special, Breechblock
Recommended Air-System Socket	SK-831
Recommended Air Chimney	SK-806
Maximum Seal & Anode Core Temperature	250°C
Maximum Length	4.90 in; 124.50 mm
Maximum Diameter	3.37 in; 85.60 mm
Weight (approximate)	36 oz; 850 gm
Operating Position	Vertical

Specifications may change without notice

THIS TUBE IS USED IN THE FOLLOWING SHORTWAVE BROADCAST TRANSMITTERS

Manufacturer	Transmitter specifications	Power in kW
Elcor	SW-5 K	5
	SW-40 K	40
	SW-50 K	50
	SW-100 K	100
	SW-50	50
Harris	SW-50 A	50
	SW-50 B	50
	SW-100	100
	SW-100 A	100
NEC Corporation	SW-100 B	100
	HFB-7847	50

THIS TUBE IS AVAILABLE FROM

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

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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