



TDP
TUBE 4CX3500A

GENERAL DESCRIPTION



The 4CX3500A is a compact tetrode designed to be used in VHF power amplifier service. It features a type of internal structure which results in high RF operating efficiency up to 220 MHz. This tube is also recommended for use as a VHF TV linear amplifier.

TECHNICAL SPECIFICATIONS

Plate Dissipation (Max.)	3500 watts
Screen Dissipation (Max.)	165 watts
Grid Dissipation (Max.)	50 watts
Frequency for Max. Ratings (CW)	220 MHz
Cooling	Forced Air
Filament	Thoriated Tungsten Mesh
Voltage	5.0 volts
Current	90 amperes
Capacitances (Grounded Cath. Connection)	111.0 pF
Input	12.0 pF
Output	0.5 pF
Feed-through	
Capacitances (Grounded Grid Connection)	58.5 pF
Input	10.0 pF
Output	0.4 pF
Feed-through	
Amplification Factor (g_1-g_2)	4.5
Base	Special Coaxial
Recommended Air-System Socket	SK-340 Family
Recommended Air Chimney	SK-346
Maximum Seal & Anode Core Temperature	250°C
Maximum Length	7.25 in; 184.15 mm
Maximum Diameter	4.94 in; 125.48 mm
Weight (approximate)	5.5 lb; 2.5 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
HCJB World Radio	HC 100	100

THIS TUBE IS AVAILABLE FROM

Manufacturer	Rebuilder	Distributor
Eimac	Econco	Richardson Electronics
Penta Laboratories	Freeland Products	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

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