

POWER TETRODE

SHORT FORM SPECIFICATION

4CX1500A

Plate Dissipation (Max.) 1500 W
Screen Dissipation (Max.) 75 W
Grid Dissipation (Max.) 25 W
Frequency for Max. rating (CW) 150 MHz
Amplification Factor 5,5
Filament/Cathode Thoriated Tungsten
Voltage 5.0 V
Current 38,5 A

Capacitance Grounded Cathode
Input 78,0 pF
Output 10,5 pF
Feed through 0,25 pF

Capacitance Grounded Grid
Input --- pF
Output --- pF
Feed through --- pF

Cooling Forced Air
Base Special, Breechblock
Air Socket SK-831
Air Chimney SK-806
Length 4,90 in; 124,50 mm
Diameter 3,37 in; 85,60 mm
Weight 36 oz; 850 gm
Operating Position Vertical



Class of Operation	Type of Service	Maximum Ratings			Typical Operation			
		Plate Voltage (Volts)	Plate current (Amps)	Plate Voltage (Volts)	Screen Voltage (Volts)	Plate Current (Amps)	Drive Power (Watts)	Output Power (Watts)
C	RF Amplifier at 30 MHz	5000	1,0	4000	500	0,80	3,6	2500
C	RF Amplifier at 220 MHz	3000	1,0	3000	500	1,01	31,5	1500
C	RF Amplifier Plate Modulated at 30MHz	3500	0,8	3400	500	0,9	10	2320
AB	RF Linear Amplifier at 30 MHz	4000	1,0	3900	600	0,75	---	1850
AB	AF Amplifier or Modulator (2 tubes)	4000	1,0	3900	600	1,5	---	17500



TUNGSTEN VACUUM ELECTRONICS

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Rétipálya

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