

# POWER TETRODE

SHORT FORM SPECIFICATION

# 4CX20000B

Plate Dissipation (Max.)	20000 W
Screen Dissipation (Max.)	450 W
Grid Dissipation (Max.)	200 W
Frequency for Max. rating (CW)	30 MHz
Amplification Factor	6,7
Filament/Cathode	Thoriated Tungsten
Voltage	10,0 V
Current	140,0 A
Capacitance	Grounded Cathode
Input	190,0 pF
Output	23,5 pF
Feed through	1,5 pF
Capacitance	Grounded Grid
Input	83,0 pF
Output	24,5 pF
Feed through	0,2 pF
Cooling	Forced Air
Base	Special, Coaxial
Air Socket	SK-320
Air Chimney	SK-326
Length	9,84 in; 249,30 mm
Diameter	8,86 in; 225,04 mm
Weight	20,0 lb; 9,06 kg
Operating Position	Vertical, base up or down



Class of Operation	Type of Service	Maximum Ratings			Typical Operation			Output Power (Watts)
		Plate Voltage (Volts)	Plate current (Amps)	Plate Voltage (Volts)	Screen Voltage (Volts)	Plate Current (Amps)	Drive Power (Watts)	
C	RF Power Amplifier	12500	5,0	9000	900	4,01	26	28200
C	RF Power Amplifier Plate Modulated	10000	5,0	7800	750	4,60	35	29000
AB1	RF Amplifier or Modulator (2 tubes)	12500	6,0	7800	1500	9,2	-----	44000



## TUNGSTEN VACUUM ELECTRONICS

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