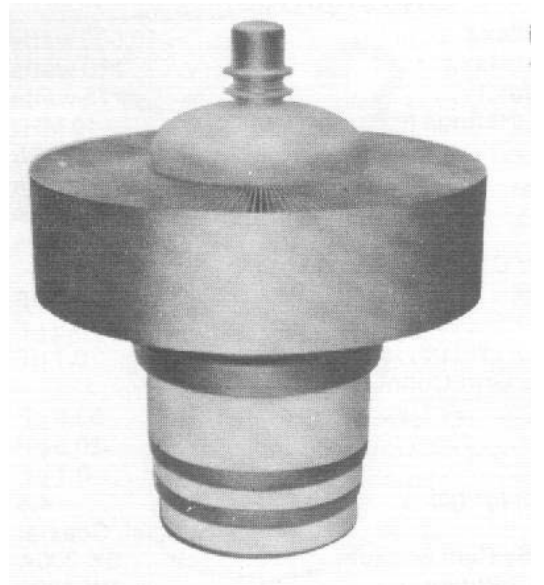


POWER TETRODE

SHORT FORM SPECIFICATION

4CX12000A/8989

Plate Dissipation (Max.)	12000 W
Screen Dissipation (Max.)	300 W
Grid Dissipation (Max.)	150 W
Frequency for Max. rating (CW)	220 MHz
Amplification Factor	6,7
Filament/Cathode	Thoriated Tungsten
Voltage	6,5 V
Current	120,0 A
Capacitance	Grounded Cathode
Input	160,0 pF
Output	18,5 pF
Feed through	1,0 pF
Capacitance	Grounded Grid
Input	70,0 pF
Output	18,6 pF
Feed through	0,1 pF
Cooling	Forced Air
Base	Special Coaxial
Air Socket	SK-300A
Air Chimney	SK-336
Length	9,84 in; 249,93 mm
Diameter	7,76 in; 197,10 mm
Weight	19,2 lb; 8,75 kg
Operating Position	Vertical, base down



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, Grid-Driven	10000	3,5	9000	750	2,83	23	20000
C	RF Amplifier at 90,5 MHz	10000	3,5	9950	650	3,08	245	22900
C	RF Amplifier at 108,1MHz	10000	3,5	10000	800	2,81	275	22500



TUNGSTEN VACUUM ELECTRONICS

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