

POWER TETRODE

SHORT FORM SPECIFICATION

4CX20000A/8990

Plate Dissipation (Max.)	20000 W
Screen Dissipation (Max.)	450 W
Grid Dissipation (Max.)	200 W
Frequency for Max. rating (CW)	110 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	9,50 in; 241,30 mm
Diameter	8,80 in; 223,50 mm
Weight	19,2 lb; 8,75 kg
Operating Position	Vertical, base up or 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	10000	5,0	9000	900	4,0	26,4	28200
C	RF Amplifier at 88,3 MHz	10000	5,0	9000	800	4,1	325	28750
C	RF Amplifier at 107,7 MHz	10000	5,0	9000	800	4,2	360	28900



TUNGSTEN VACUUM ELECTRONICS

Factory: H-2120 Dunakeszi
Rétipálya

Tel : (36)-27-546-570
Fax : (36)-27-546-571

E-mail: Info@tungsten.hu
Web: www.tungsten.hu