

POWER TETRODE

SHORT FORM SPECIFICATION

4CX7500A

Plate Dissipation (Max.) 7500 W
Screen Dissipation (Max.) 165 W
Grid Dissipation (Max.) 50 W
Frequency for Max. rating (CW) 220 MHz
Amplification Factor 4,5
Filament/Cathode Thoriated Tungsten
Voltage 7,0 V
Current 110,0 A

Capacitance Grounded Cathode
Input 145,0 pF
Output 20,0 pF
Feed through 0,53 pF

Capacitance Grounded Grid
Input 74,1 pF
Output 20,6 pF
Feed through 0,07 pF

Cooling Forced Air
Base Special Coaxial
Air Socket SK-340
Air Chimney SK-346

Length 9,27 in; 235,46 mm
Diameter 5,66 in; 143,76 mm
Weight 8,4 lb; 3,80 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 Amplifier	7500	3,0	6500	750	2,4	130	12100
C	RF Linear Amplifier	7500	3,0	7500	1250	2,2	---	10000



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