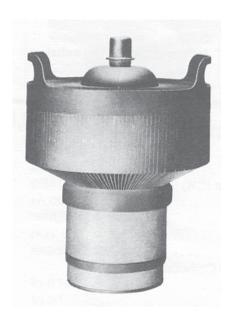


heavy duty service.



The 3CX15,000A3 is a medium-mu power triode designed for use as a power oscillator in industrial radio frequency heating applications. It is also recommended for use as a conventional plate modulated amplifier, or as a linear amplifier. The one kilowatt filament and rugged 500 watt grid structure make this tube especially suitable for



3CX15,000A3

CHARACTERISTICS

Plate Dissipation (Max.) 15,000 Watts
Screen Dissipation (Max.) --Grid Dissipation (Max.) 500 Watts
Frequency for Max. rating (CW) 100 MHz
Amplification Factor 20

Filament/Cathode Thoriated Tungsten

Voltage 6.3 Volts Current 160 Amps

Capacitance Grounded Cathode

55.0 pf Input Output 1.4 pf Feedthrough 340 pf Capacitance Input --- pf Output --- pf Feedthrough --- pf Forced Air Cooling Coaxial Base SK-1300 Air Socket Air Chimney SK-1306

Boiler ---

 Length
 8.75 in; 222.30 mm

 Diameter
 7.05 in; 179.10 mm

 Weight
 12.0 oz; 5.5 kg

		MAXIMUM RATINGS		TYPICAL OPERATION				
Class of Operation	Type of Service	Plate Voltage (Volts)	Plate Current (Amps)	Plate Voltage (Volts)	Screen Voltage (Volts)	Plate Current (Amps)	Drive Power (Watts)	Output Power (kiloWatts)
С	Grid driven RF amplifier	8,000	6.0	8,000		5.9	740	34.0

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.



For information on this and other CPI products, visit our website at: www.cpii.com, or contact: CPI MPP Division, Eimac Operations, 607 Hansen Way, Palo Alto, CA 94303 TELEPHONE: 1(800) 414-8823. FAX: (650) 592-9988 | EMAIL: powergrid@cpii.com