



The 3CX1500D3 is a forced air cooled, ceramic/ metal, medium-mu power triode designed primarily for use in industrial radio frequency heating services. Input of 4.3 kW is permissible up to 110 MHz. Plentiful reserve emission is available from its 158 watt filament. The grid structure is rated at 75 watts, making this tube an excellent choice for industrial service.



3CX1500D3

CHARACTERISTICS

Plate Dissipation (Max.) 1,500 Watts Screen Dissipation (Max.) ---Grid Dissipation (Max.) 75 Watts Frequency for Max. rating (CW) 110 MHz **Amplification Factor** 24 Filament/Cathode **Thoriated Tungsten** Voltage 6.3 Volts Current 25.0 Amps Capacitance Grounded Cathode 10.0 pf Input Output 0.9 pf Feedthrough 10 pf Capacitance ____ Input --- pf Output --- pf Feedthrough --- pf Cooling Forced Air Base ---Air Socket SK-410 Air Chimney SK-446 Boiler ---Length 5.625 in; 14.29 cm Diameter 3.42 in; 8.69 cm Weight 3.2 lb; 7.1 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	RF Industrial oscillator or amplifier	7,000	0.8	6,000		0.65	85	2.8

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