

4CX40,000GM

The 4CX40,000GM is recommended for use in linear amplifier service. The anode is rated for 40 kW of dissipation with forced-air cooling and incorporates a highly efficient cooler of new design.



CHARACTERISTICS

Plate Dissipation (Max.)	40,000 Watts
Screen Dissipation (Max.)	1,500 Watts
Grid Dissipation (Max.)	1,000 Watts
Frequency for Max. rating (CW)	50 MHz
Amplification Factor	8
Filament/Cathode	Thoriated Tungsten
Voltage	15.0 Volts
Current	165 Amps
Capacitance	Grounded Cathode
Input	447 pf
Output	36 pf
Feedthrough	1.5 pf
Capacitance	Grounded Grid
Input	155 pf
Output	37 pf
Feedthrough	.15 pf
Cooling	Forced Air
Base	Special, Graduated Rings
Air Socket	---
Air Chimney	---
Boiler	---
Length	11.70 in; 29.72 cm
Diameter	10.06 in; 25.55 cm
Weight	55 lb; 25.55 kg

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 (kiloWatts)
C	RF amplifier	14,000	10.0	10,600	800	7.0	250	60.0
AB1	RF linear amplifier	14,000	15.0	10,000	1,400	5.5	---	50.0

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 Operation, 607 Hansen Way, Palo Alto, CA 94303
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