

The Y-236 is a selected 8877/3CX1500A7 certified for use a cathode-driven class B amplifier in FM transmitter applications. Sample testing is performed periodically in a 2 kW FM transmitter at the Eimac factory.



CHARACTERISTICS

Plate Dissipation (Max.)	1,500 Watts
Screen Dissipation (Max.)	N/A
Grid Dissipation (Max.)	25 Watts
Frequency for Max. rating (CW)	110 MHz
Amplification Factor	200
Filament/Cathode	Oxide
Voltage	5.0 Volts
Current	10.5 Amps
Capacitance	Grounded Grid
Input	38.5 pf
Output	10.0 pf
Feedthrough	0.1 pf
Capacitance	N/A
Input	N/A
Output	N/A
Feedthrough	N/A
Cooling	Forced Air
Base	Special 7-Pin
Air Socket	SK-2210
Air Chimney	SK-2216
Boiler	N/A
Length	4.02 in; 10.2 cm
Diameter	3.38 in; 8.59 cm
Weight	25 oz; 708.8 gm

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)
B	RF Amplifier, Cathode Driven	4,000	1.0	4,000	---	0.85	50	2.50

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 MPP products, visit our website at: www.cpii.com, or contact: CPI Microwave Products Division, Eimac Operation, 607 Hansen Way, Palo Alto, CA 94303
TELEPHONE: 1(800) 414-8823. **FAX:** (650) 592-9988 | **EMAIL:** powergrid@cpii.com