

Communications & Power Industries Triode



The YC-236 is a selected 8877/3CX1500A7 certified for use as 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.

FEATURES:

Maximum plate dissipation:	1,500 Watts
Maximum screen dissipation:	---
Maximum grid dissipation:	25 Watts
Frequency for max rating (CW):	110 MHz
Amplification factor:	200
Filament/cathode:	Oxide Coated
Voltage:	5.0 Volts
Current:	10.5 Amps
Capacitance: Grounded cathode	
Input:	--- pF
Output:	--- pF
Feedthrough:	--- pF
Capacitance: Grounded grid	
Input:	38.5 pF
Output:	10.0 pF
Feedthrough:	0.1 pF
Cooling:	Forced Air
Base:	7-Pin Special
Air Socket:	SK-2210
Air Chimney:	SK-2216
Boiler:	---
Length:	4.02 in; 10.2 cm
Diameter:	3.38 in; 8.59 cm
Weight:	25 oz; 708.8 gm

BENEFITS:

- Worldwide brand name recognition
- Over 85 years technical expertise

APPLICATIONS:

- Communications

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

With a history of producing high quality products, we can help you with your triode.

Contact us at MPPMarketing@cpii.com or call us at +1 650-846-2800. The data should be used for basic information only.

Formal, controlled specifications may be obtained from CPI for use in equipment design.



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For more detailed information, please refer to the corresponding CPI technical description if one has been published, or contact CPI. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI before using this information for system design.

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