Communications & Power Industries

4CX600JB

The 4CX600JB is the lower priced version of the highly linear 4CX600J. This type is recommended when operation is to be Class AB1 or when extra drive power is available for AB2 operation.



CHARACTERISTICS

Plate Dissipation (Max.)	600 Watts
Screen Dissipation (Max.)	15 Watts
Grid Dissipation (Max.)	1 Watt
Frequency for Max. rating (CW)	--- MHz
Amplification Factor	---
Filament/Cathode	Oxide Coated
Voltage	6.0 Volts
Current	5.4 Amps
Capacitance	Grounded Cathode
Input	50 pf
Output	6.3 pf
Feedthrough	.13 pf
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Cooling	Forced Air
Base	9 Pin Special
Air Socket	SK-607
Air Chimney	SK-646
Boiler	---
Length	2.71 in; 68.80 mm
Diameter	2.08 in; 52.8 mm
Weight	7.7 oz; 218 gm

		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)
AB1	RF linear amplifier	3,000	0.60	2,000	350	0.50	---	0.550
AB1	RF linear amplifier	3,000	0.60	2,800	350	0.57	---	0.975

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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