

The 4CX350FJ/8904 is intended for Class AB linear RF amplifier service. The tube has rugged internal construction features. The 4CX350FJ/8904 may be used as an exact replacement for the 4CX350F/8322 in most linear applications, requiring only minor circuit adjustment and retuning. The tube has improved intermodulation distortion characteristics. It contains a 26.5 volt heater, and is recommended for new equipment designs.



## CHARACTERISTICS

Plate Dissipation (Max.)	350 Watts
Screen Dissipation (Max.)	8 Watts
Grid Dissipation (Max.)	0 Watts
Frequency for Max. rating (CW)	110 MHz
Amplification Factor	17
Filament/Cathode	Oxide Coated
Voltage	26.5 Volts
Current	0.65 Amps
Capacitance	Grounded Cathode
Input	22.0 pf
Output	5.9 pf
Feedthrough	.03 pf
Capacitance	---
Input	--- pf
Output	--- pf
Feedthrough	--- pf
Cooling	Forced Air
Base	9 Pin Special
Air Socket	SK-600A
Air Chimney	SK-606
Boiler	---
Length	2.46 in; 62.60 mm
Diameter	1.64 in; 41.60 mm
Weight	4 oz; 113 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)
AB1	RF linear amplifier	2,500	0.30	2,200	400	0.23	---	0.250

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.



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