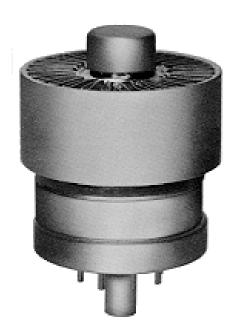




The 4CX350FJ/8904 is intended for Class AB linear RF amplifier service. The tube has rugged internal construction features. The 4CX350FJ/8904 may be used as an exact replacement for the 4CX350F/8322 in most linear applications, requiring only minor circuit adjustment and retuning. The tube has improved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



## 4CX350FJ/8904

## **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 SK-606 Air Chimney

Boiler --Length 2.46 in; 62.60 mm

Weight 4 oz; 113 gm

1.64 in; 41.60 mm

		MAXIMUI	M 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	2,500	0.30	2,200	400	0.23		0.250

Diameter

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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