

Electron Tube FU-3151F(Equivalent to 3CX1500H3)

Is Metal-Ceramic Structure, Carbonized Thoriated Tungsten Cathode, Forced Air Cooling, Medium Amplification Factor High Power Triode. The Maximum Dissipation Power of the Plate is 15KW, the Rated Dissipation power of the Grid is 500W, and the Maximum Operating Frequency is 90MHz. It is mainly used in industrial high frequency heating equipment. It can be equivalent to 3CX1500H3 of the United States.

1、General Characteristics

Filament Voltage	6.3 V	Filament Current	160 A
Net Weight	6.8 KG	Amplification Factor	20
Interelectrode Capacitances (Grounded Filament)	Input	60	pF
	Output	39	pF
	Feedback	2.5	pF
Cooling Method	Forced Air Cooling		
Stem	Forced Air Cooling	Plate	Forced Air Cooling
Max. Temperature at Any Point Tube Envelope	250 °C	Operating Position	Vertical



2、Maximum Ratings

DC Plate Voltage	12 KV	DC Grid Voltage	-1000 V
DC Plate Current	6.0 A	DC Grid Current	1.0 A
Plate Input Power	60 KW	Plate Dissipation	15 KW

3、Typical Working Condition

DC Plate Voltage	7 KV	DC Plate Current	6.0 A
DC Grid Voltage	-600 V	DC Grid Current	0.66 A
Maximum Grid Voltage	440 V	Driving Power	660 W
Plate Input Power	42 KW	Plate Output Power	12 KW
Load Resistance	600 Ω		

