

Electron Tube FU-3150F(Equivalent to ITL5-1)

Is a Ceramic & Metal Power Triode with Directly-Heated Thorium-Tungsten Cathode. Forced Air-Cooled Triode. Its Maximum Operating Frequency is 150MHz, Maximum Plate Dissipation Power is 5KW. Maximum Plate Oscillation Power could reach 10KW. Which can be used in High Frequency Heating Equipment ,can work in two states: Continuous Wave and Pulse.

1、General Characteristics

Filament Voltage	6.3 V	Filament Current	63 A
Amplification Factor	20		
Interelectrode Capacitances (Grounded Filament)	Input	21	pF
	Output	16	pF
	Feedback	0.6	pF
Weight	2.9 KG	Cooling Method	Forced Air Cooling
Max. Temperature at Any Point Tube Envelope	220 °C	Max. Height	250 mm
Operating Position	Vertical	Max. Diameter	123 mm



2、Maximum Ratings

Plate Voltage	7500 V	Plate Current	2.5 A
Plate Dissipation	5 KW	Grid Dissipation	0.2 KW

3、Typical Working Condition

Plate Voltage	7200 V	Plate Current	2.5 A
Grid Dissipation	0.15 KW	Plate Output Power	10 KW
Plate Dissipation	5 KW		

