



Current Pulse Duration	Duty Factor	Peak Anode Current	Stability	Peak Power Output	Voltage Pulse Rate-of-Rise	RF Band width at 1/4 po pts.	Heater Voltage
μsec		Amperes	% Missing Pulses	Kilo-watts	KV per μsec (above 50 % point)	6'-1.5:1 worst phase Mc	Volts±5%
0.25 3	0.0007 0.001	19 19	0.01% 0.01%	135 135	100 100	4.5 Mc 0.45 Mc	8.6 6.8

GENERAL MECHANICAL CHARACTERISTICS

Mounting Position . . . . . any  
 Mounting Support . . . . . See 4 hole  
 Mounting Plate in  
 outline drawing  
 Weight . . . . . 14 lbs. Max.

Coupling between Tube and Load:  
 Waveguide (RG91/U) per outline drawing. The mating  
 flange may be UG419/U cover flange or a motified (clearance  
 holes instead of tapped 6-32) UG541/U choke flange.

Cooling Data  
 To limit rise in body temperature to 100°C for a  
 dissipation of 200 watts - 10 cfm, min.

Recommended cathode stem temperature 225°C ± 25°C.

Pressurization of Output Circuit:  
 The need for pressurization depends on the particular com-  
 ponents used in the output circuit and on the pulse width.  
 In general, it is recommended that the output circuit be  
 pressurized for peak anode currents greater than 15 amperes.

