

## PRODUCT SPECIFICATION SHEET

MODEL NO.: 2530  
ITEM: Triode Cavity Amplifier  
DATE: December 15, 2000

### Specifications:

Frequency:	2856 MHz
.5 dB Bandwidth	$\pm 1$ MHz (min)
RF Power gain	10 dB minimum
RF pulse width first stage	20 microseconds (max)
RF Power Out	650 watts @ 50 W input nominal
PRF	250 pps
Duty Cycle	.005
Plate Voltage	2300 volts DC
Plate Current	2.0 amps peak (nominal)
Plate Capacitor	6 microfarad / 3000 V
Cathode Bias	+50 volts
Cathode Modulator	Pulse to ground
Filament Voltage	5.3 to 5.7 VDC
Input/output connector	SMA Female

Units are not supplied with isolators