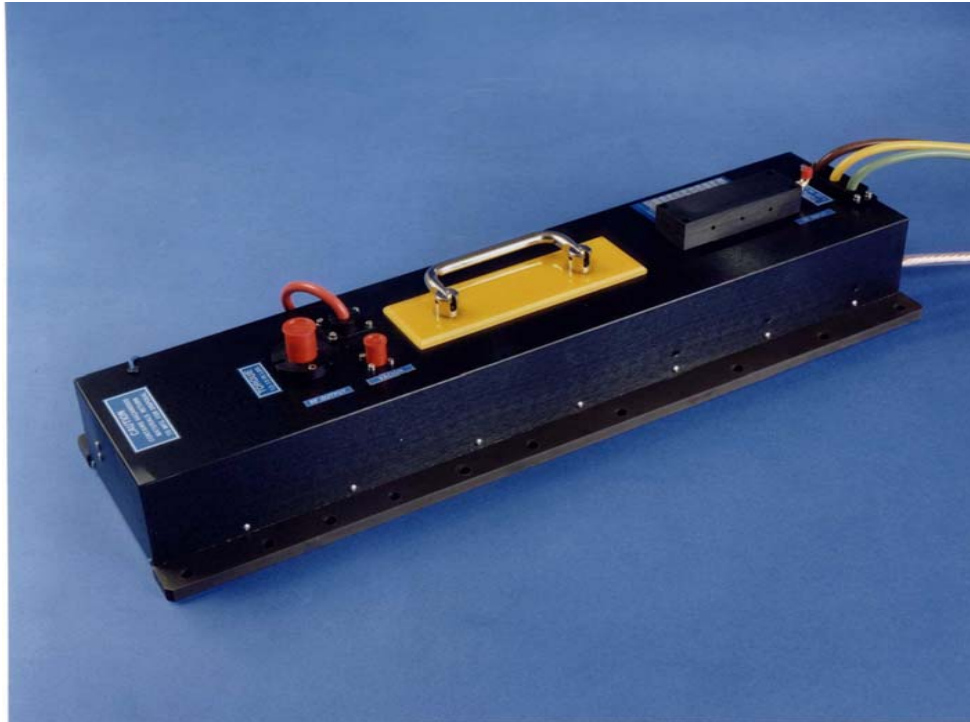


**TWT**

# VTS1827AS TWT



## Features:

- Frequency 2.7 - 3.1 GHz
- Peak power output 10 kW
- Duty cycle .03
- Pulswidth 200  $\mu$ S
- Saturated gain 44 dB
- Heater 6.3 V @ 3.9 A
- Peak cathode voltage 15.5 kV
- Peak cathode current 3.0 A
- Grid pulse voltage 270 Volts
- Grid bias voltage -350 Volts
- Grid current <10 mA
- Collector voltage 1.9 kV
- Body current <450 mA
- Weight 38 lb

## Description:

Long life S-Band ring loop TWT.  
Conduction cooled

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*Beverly Microwave Division*