

## Communications & Power Industries TWT



Long life L-Band ring loop TWT. Forced air cooled at 70cfm. With a history of producing high quality products, we can help you with your TWT.

Contact us at [BMDMarketing@cpil.com](mailto:BMDMarketing@cpil.com) or at call us at +1 978-922-6000.

### FEATURES:

- Frequency 1.24 - 1.36 GHz
- Peak power output 6 kW
- Duty cycle .032
- Pulsewidth 40  $\mu$ S
- Saturated gain 52 dB
- Heater 19 V @ 3.0 A
- Peak cathode voltage 11.0 kV
- Peak cathode current 2.5 A
- Grid pulsed
- Grid pulse voltage 300 Volts
- Grid bias voltage -50 Volts
- Grid current 100 mA
- Body current 800 mA

### BENEFITS:

- High-power
- High gain

### APPLICATIONS:

- Ground-based radar