

## Communications & Power Industries TWT



Long life C-Band TWT suitable for use in weather radars. With a history of producing high quality products, we can help your with TWT.

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

### FEATURES:

- Frequency 5.4 - 5.9 GHz
- Peak power output 6 kW
- Duty cycle .0015
- Saturated gain 50 dB
- Pulsewidth 20  $\mu$ S
- Heater 6.3V @ 3.0 A
- Peak cathode voltage 15.5 kV
- Peak cathode current 2.7 A
- Collector voltage 0V
- Liquid cooled 0.75 gpm
- Weight 25 lbs. (11.34 kg)

### BENEFITS:

- Wideband
- High power

### APPLICATIONS:

- Ground based search radar
- Weather radars