

## CPI Electron Device Business - TWT



Long life C-Band ring loop TWT. Light weight, compact form. With a history of producing high quality products, we can help you with your TWT.

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

### FEATURES:

- Frequency 5.4 - 5.9 GHz
- Peak power output 6 kW
- Duty cycle .0018
- Saturated gain 51 dB
- Pulsewidth 10  $\mu$ S
- Heater 6.3V @ 4.0 A
- Peak cathode voltage 16.0 kV
- Peak cathode current 3.5 A
- Cathode pulsed
- Coaxial input and output
- Forced air cooled 20 cfm
- Weight 13 lbs. (15.9 kg)

### BENEFITS:

- High power
- High gain

### APPLICATIONS:

- Ground based radar