L-Band 6 kW Ring Loop TWT

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@cpii.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 µS
- 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

- High-power
- High gain

APPLICATIONS:

• Ground-based radar



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