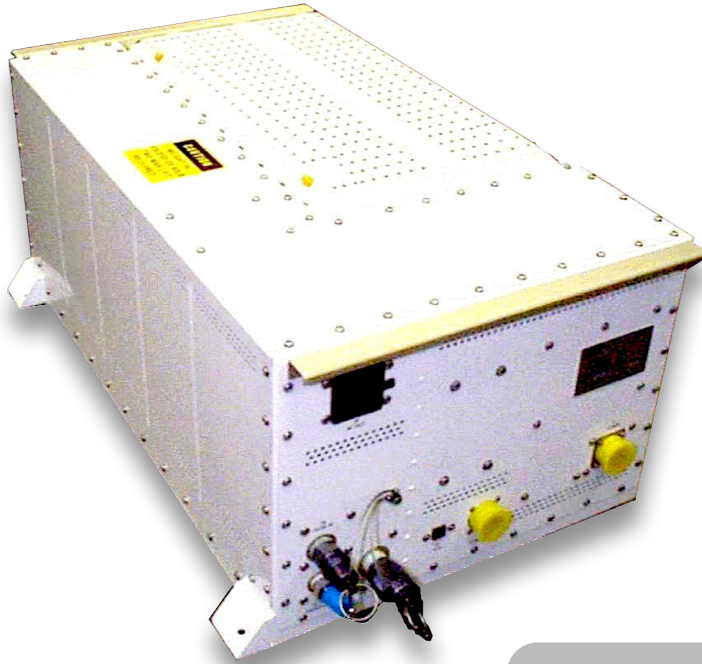


## CPI Electron Device Business - TWTA



X-Band coupled cavity travelling wave tube transmitter with solid state pre-amplifier. Features a series of resonant high voltage power supply with dual depressed collector stages.

With a history of producing high quality products, we can help you with your amplifier.

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

### FEATURES:

- Frequency: 8.4 - 9.0 GHz
- Peak RF output power: 15 kW (minimum)
- Duty cycle: 6%
- Pulsewidth: 20 - 130  $\mu$ Sec
- Gain: 71 dB
- Input power: 199 VAC, 3 Phase, 400 Hz, 10A
- Control: Remote enable, interlock, PRF/PW with 16 bit serial status report.
- Output: WR 90 waveguide
- Cooling: Liquid, 3 GPM, MIL-C-87252
- Size: 26 x 17 x 12 in. (66 x 43 x 30 cm)
- Weight: 172 lbs (78 kg)

### BENEFITS:

- High efficiency
- Airborne qualified

### APPLICATIONS:

- Synthetic Aperture Radars (S.A.R.)



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For more detailed information, please refer to the corresponding CPI EDB technical description if one has been published, or contact CPI EDB. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI EDB before using this information for system design.

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