

## Communications & Power Industries TWT Transmitter



X-Band coupled cavity traveling 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 TWT transmitter.

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



### FEATURES:

- Frequency: 8.8 - 9.45 GHz
- Peak RF output power: 12 kW (minimum)
- Duty cycle: 5%
- Pulsewidth: 20 - 130  $\mu$ Sec
- Gain: 71 dB minimum
- Input Power: 400 VAC, 3 Phase plus neutral 50-60 Hz, 10 A
- Control: Remote enable, interlock, PRF/PW with 16 bit serial status report
- Output: WR 90 waveguide
- Cooling: Air
- Size: 28 in x 17 in x 19 in (71 x 43 x 48 cm)
- Weight: 223 lbs (101 kg)

### BENEFITS:

- Outstanding power per volume
- Ruggedized design
- Easy to control/operate

### APPLICATIONS:

- Sea and air surveillance radars