## **CPI Electron Device Business - 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 ElectrronDevices@cpi-edb.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 µSec
- 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



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