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 or call us at +1 978-922-6000.



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