Airborne Traveling Wave Tube Amplifier

V7X3495

Communications & Power Industries 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 BMDMarketing@cpii.com or call us at +1 978-922-6000.

- Frequency: 8.4 9.0 GHz
- Peak RF output power: 15 kW (minimum)
- Duty cycle: 6%
- Pulsewidth: 20 130 µSec
- 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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tel +1 978-922-6000 email BMDMarketing@cpii.com fax +1 978-922-8914 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 a result of additional data or product refinement. Please contact CPI before using this information for system design.

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