

# CW TWT Amplifiers

## CPI Electron Device Business - CW TWT Amplifiers



CPI Electron Device Business manufactures CW, TWT amplifiers and power supplies for use in Electronic Warfare and Electronic Counter Measures.

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

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

### FEATURES:

- 6 - 18 GHz, 600 W single amplifier
- 2 - 4 GHz, >200W, pod mounted TWTA
- 5.25 - 10.5 GHz, >200 W, pod mounted TWTA
- 7.0 - 18 GHz, >200 W pod mounted TWTA
- Air cooled and conduction cooled

### BENEFITS:

- Compact RF sources
- Stable RF with excellent phase and amplitude
- Wideband capability
- Built in test
- Rugged for airborne military environment

### APPLICATIONS:

- Airborne radars
- EW Applications

### Typical Operating Parameters

Frequency	Power ( cw)	Duty
3 Bands (2GHz – 18 GHz)	> 250W	EWTWT
J - Band	400 KW	TWT
2 Bands (2GHz – 18 GHz)	100 KW	Booster

Power levels and frequencies dependent on the TWT selected



**Beverly Microwave Division**  
150 Sohier Road  
Beverly, Massachusetts  
USA 01915

tel +1 978-922-6000  
email [ElectronDevices@cpi-edb.com](mailto:ElectronDevices@cpi-edb.com)  
fax +1 978-922-8914  
web [www.cpi-edb.com](http://www.cpi-edb.com)

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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