

# CPI EDB Magnetron Radar Transmitters

## CPI Electron Device Business - Magnetron Radar Transmitters

CPI Electron Device Business manufactures magnetron transmitters for military use in L-Band to Ka-Band radars.

With a history of producing high quality products, we can help you with your receiver protectors.

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

### FEATURES:

- Frequencies from L-Band to Ka-Band
- Solid state modulator
- Options for control & monitoring via serial port
- Customization for each application
- Shipboard, airborne or ground based applications

### BENEFITS:

- Low maintenance - solid state modulator
- High reliability
- Easily modified for your application

### BENEFITS:

- Air traffic control radar
- Range tracking radar
- Search radar
- Weather radar
- Aircraft landing system
- Fire control radar



### Typical Operating Parameters

Frequency (GHz)	Peak Power (KW)	Duty	PW
L Band to Ka Band (Depends on Magnetron)	250kW - 1MW (Depends on Magnetron)	0.1% Typ.	0.2 $\mu$ s to 5 $\mu$ s



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

tel +1 978-922-6000  
email [ElectronDevices@cpiedb.com](mailto:ElectronDevices@cpiedb.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.

©2024 CPI Electron Device Business. Company proprietary; use and reproduction is strictly prohibited without written authorization from CPI EDB.