

CPI Electron Device Business - Power Supplies

CPI Electron Device Business manufactures CW, TWT power supplies for use in Electronic Warfare electronic counter measures and radar applications.

FEATURES:

- High altitude compliant
- Small, condensed supplies
- Airborne qualified
- Pod mounted capability

BENEFITS:

- High reliability
- Rugged for airborne military environment

APPLICATIONS:

- Airborne radars
- EW applications
- Radars



Typical Operating Parameters

Frequency (GHz)	Peak Power	Operating Voltage	Operating Temperatures	Altitude	VED Type
X-Band	800 Watts	2750V	-45 to +88 degrees C	70,000 ft	Magnetron
I/J-Band	50-100 Watts	4400V (cathode)	-30 to +60 degrees C	10,000 ft	Helix TWT
Ku-Band	400 Watts (pulsed)	28VDC	-40 to +_70 degrees C	36,000 ft	Booster Helix TWT
Low band	400-1000 Watts	4.4 kV	-30 to +80 degrees C	50,000 ft	Helix TWT

Power levels and frequencies are dependent on the TWT selected



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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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