

CPI Beverly Power Supplies

Features:

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

Benefits:

- High reliability
- Rugged for airborne military environment

CPI Beverly Microwave Division manufactures CW, TWT power supplies for use in Electronic Warfare Electronic Counter Measures and radar applications.

Applications:

- Airborne radars
- EW Applications
- Radar



Typical Operating Parameters

Frequency (GHz)	Peak Power	Operating Voltage	Operating Temperatures	Altitude	VEDType
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

The values listed above represent specified limits for the product and are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.

For information on this and other CPI products visit our webpage at www.cpii.com/BMD, or contact: CPI Beverly Microwave Division, +1 (978) 922-6000 • FAX: +1 (978) 922-8914 • BMDmarketing@cpil.com