

dB-2348 DC to DC Converter

+1500VDC to +10VDC @ 43AMPS

Performance Characteristics

Output Voltage	Output voltage of +10VDC at max. current drawn approximately 43AMPS
Voltage Ripple	100mVrms max.
Voltage Regulation	3% max. voltage variation over Line, load, and temperature
Bias output	-2VDC @1A
Ripple (Bias Output)	30mVrms max.
F/O P/S	+5VDC @100ma

Prime Power

Input Voltage	+1270 to +1500VDC at a maximum current of 350mA
Efficiency	85% Typical

Mechanical

Weight	1.10 lbs nominal
Cooling (Operational)	Conduction to ambient maintained between -40 C and +7

Protection

Output	Over current, over voltage
Input	Under voltage

Environmental

Altitude	Barometric pressure reduced to the equivalent of 50,000 feet altitude and a temperature of -40° centigrade.
Operating Temperature	-40° C to +71° C
Storage Temperature	-54° C to +85° C
Vibration	Random vibration at 10 to 2000 Hertz (Hz) and ±10 gravity units (g) root mean square (RMS).
Shock	15G, 11 msec.
Humidity	An atmosphere containing 95 percent or greater relative humidity at temperatures ranging from +28°C to +85°C.

Specifications subject to change without notice.

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