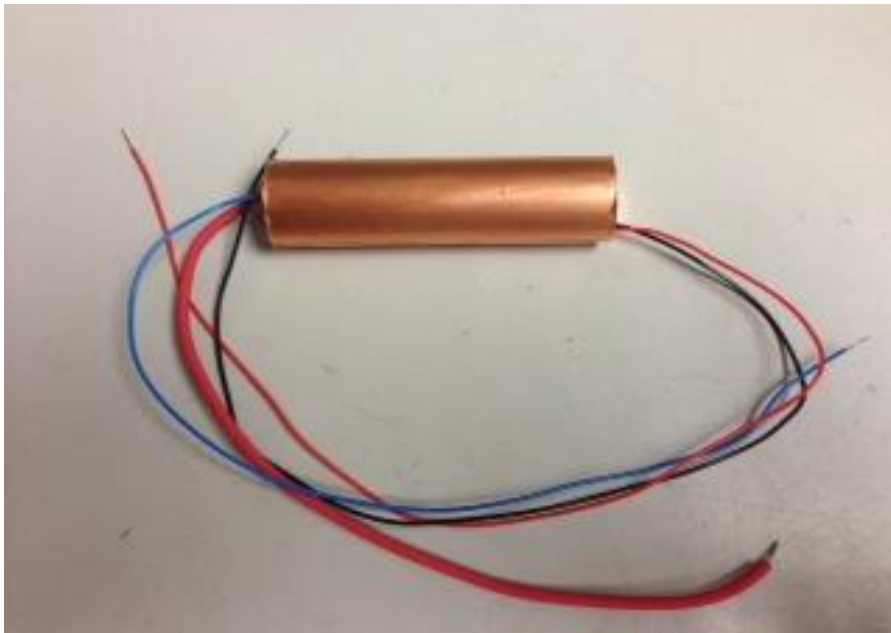


Voltex HeNe Laser Power Supply Model A-14-LN LOW NOISE



The Voltex A-LN (low noise) series of DC input power supplies represents the state of the art in ultra-compact, high reliability switching power supplies. They are designed to provide the lowest output current ripple in the industry, and to provide unmatched reliability in the smallest package. This power supply:

- **Operates most 1/2 mW through 1 mW HeNe lasers.**
- **Delivers 80% conversion efficiency for cool operation and long life.**
- **At 7/8" diameter, and 3.3" long, occupies less than 2 cubic inches.**
- **Is available with inputs from 12 V (Model A) to 28 V (Model C).**
- **Regulates output current within +/- .04 mA or better.**
- **Has a full 18-month warranty.**

For further information, pricing and delivery, please contact:

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2336 East Platte Ave
Colorado Springs, CO
80909

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A-14-LN low noise SPECIFICATIONS

Input:

Input Volts:	10 - 14 VDC
Input Current:	.3 to .6 A *
Lead Length:	8" minimum.

Output:

Voltage:	1000-1500 VDC
Current:	2.5 to 4.0 mA. Factory set.
Start Voltage:	>7 KV
Output Current Ripple:	< .1% P - P **
Conversion Efficiency:	>80%
Current Regulation	+/- 2 %, Line & Load
Dimensions:	7/8" dia. X 3 1/3" long (21.5 dia. X 84 L)

* Input Current varies with line and load.

** For lowest current ripple, these should be wrapped in a grounded foil. This is done here, by Voltex..

Notes:

1. These are wrapped with foil tape for shielding.
2. 1 Amp, fast blow fuse is required to work with reverse input protection.

