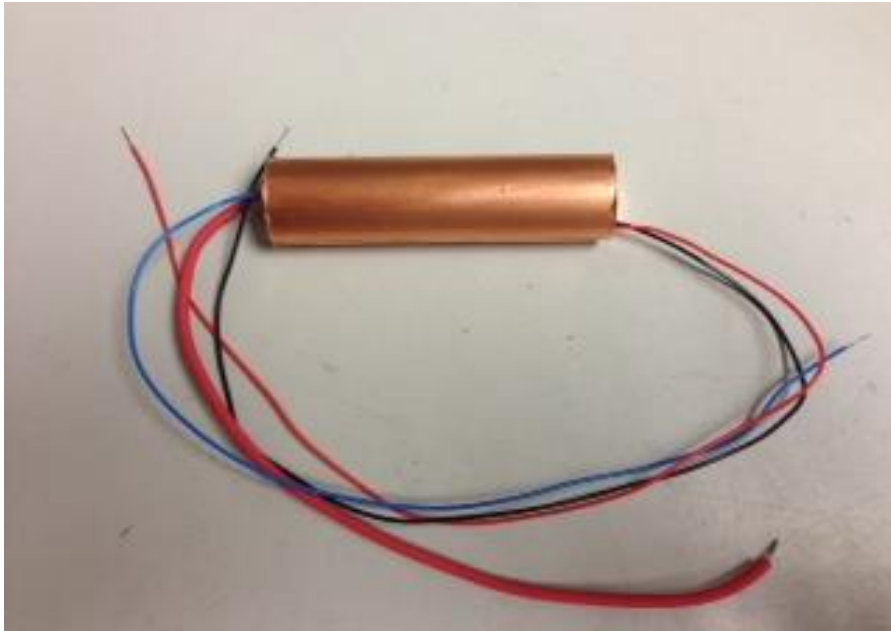


Voltex HeNe Laser Power Supply Model C-14-LN LOW NOISE



The Voltex C-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:

Voltex, Inc.
2336 East Platte Ave
Colorado Springs, CO
80909

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Fax: (719) 599-7851
E-mail: info@voltex.net
Website: www.voltex.net

C-14-LN low noise SPECIFICATIONS

Input:

| | |
|----------------|---------------|
| Input Volts: | 20 - 28 VDC |
| Input Current: | .15 to .3 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.

