

## INSTALLATION INSTRUCTIONS

The filter can be installed by anyone with knowledge of shielded enclosures and moderate carpentry skills. However, if you are unsure about your ability to install the filter, seek the help of an experienced shielding installer. The filter is designed to be powered by a Listed power adapter rated for 24V DC and a minimum 3.75A marked “LPS” or “Class 2” only.

- Step 1.** Determine a location for the filter, insuring an adequate power source within 6’ of the filter.
- Step 2.** Use a 1 3/8” hole saw to create a hole in the shielded wall (or filter panel).
- Step 3.** Deburr the hole as necessary and clean both sides of the shielded wall with a scouring pad. This will insure proper electrical contact between the filter and the shielded enclosure.
- Step 4.** Place the gasket that came with the filter on the threaded penetration up against the body of the filter, push the penetration through the hole and screw on the brass flange nut.
- Step 5.** Tighten the flange nut until the gasket is compressed and an adequate seal with the shielded wall has been created. This may require an additional person to hold the filter body tight or tighten the flange nut. Typically, the gasket will compress to about 1/8” thickness, but do not over tighten the flange nut.
- Step 6.** Plug in the supplied power adapter and connect it to the filter. The filter is now ready for use.