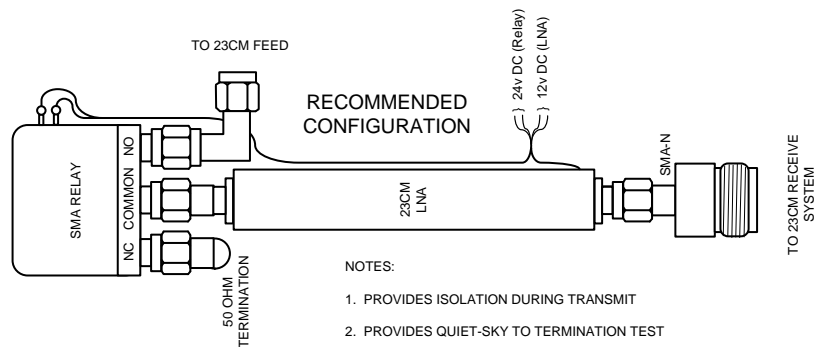


IMPORTANT NOTES ABOUT YOUR FEED

21-Jul-2019

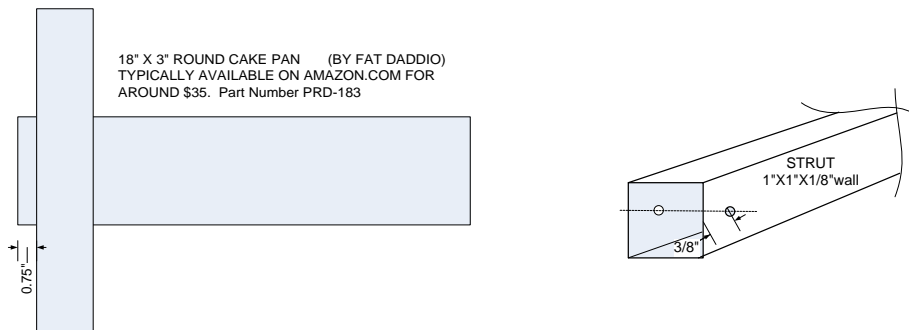
1. Do not loosen the brass nuts on the tuning disks unless you have proper test equipment to retune the feed.
2. The Philips screws on the back plate of the feed are merely to plug the 1/4-20 holes that may (or may not) be used for mounting the feed. These screws also could be used for mounting LNA, relay, etc.
3. The feed has been tuned for best return loss on both ports, and maximum isolation.
4. The transmit port has a female N type connector (7/16 DIN option available).
5. The receive port has a SMA type female connector for efficient use of a SMA relay/LNA combination (N connector option available).



6. Recommended wiring configuration: <http://ptt-ak.com/Products/rly-lna-wiring.gif>

7. Photos of cake pan scalar mounting: <http://kl6m.com/23cm/cakepan/cakepan.html>

8. On a 0.37 f/D dish, the lip of the scalar should be positioned 3/4" back from the mouth of the feed (Flush for 0.45 f/D). The focal point (phase center) of the feed is about 3/4" inside the mouth. But for optimum performance, both the focus and scalar position should be adjusted for best sun noise.



9. Typical feed mounting by various folks can be seen here: <http://www.alaska.net/~ptt/Septum/>

10. If using my feed mounting system, the struts should be drilled 3/8" from end of strut with 3/16" bit.

If you have questions, please call or write: mike@kl6m.com 907-227-2483