This is an attempt to make construction easier and not use SST shielded tubing. If it's harder, the DWG will be rev'd to go back to the old method.

1. Blind all the way around jacket and down center to remove a 1/4" piece of the cables outer jacket, to expose shield.

2. Cut through shield near center and fold back over both ends of cable jacket, without damaging tape jacket.

3. Separate wires and cut all but the 8-10 wires at this end. Blind, then, blind, and wrap with copper tape, in normal.

4. Insert wires to ID wire connector.

5. Pull expanded taut, cover each end with 3M glue and shrink, EGND/1012.

6. To stage rotary encoder (typ. 0.5" wave).

7. To stage Lab 5.

8. Terminate gray/yellow wire with shield.


10. Insulate all solder connections with heatshrink, typically 3/4".

11. Label.

12. Shield termination.

Wrap copper tape, sand/over grooves, strip, crimp, and shield.

Fold back all shields.

If foil, silver part is outside.

Use appropriate gripper, supplied heat shrink.

Cover with 3M tape, strip decks.