

# SENTINEL<sup>TM</sup>

## Connector Systems Inc.

### 111S08080090H34 & 91H34 Termination - TIA-568-A Shown.



1. Strip outer jacket approximately 1 ½ inch. Install Boot over cable ends if boot is desired.



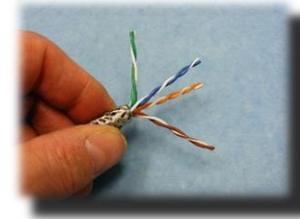
2. Jacket removed.



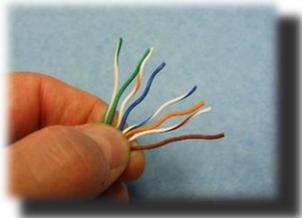
3. Fold back braid or foil then wrap drain wire around the outer jacket. (Foil can be removed if desired)



4. Cut Mylar and or filler.



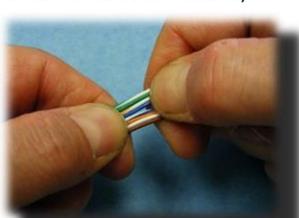
5. Fan out in desired wire order.



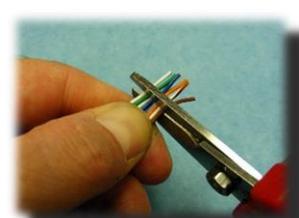
6. Untwist pairs keeping wire in proper order.



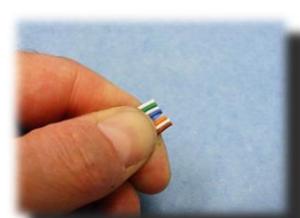
7. Cable and Plug components shown.



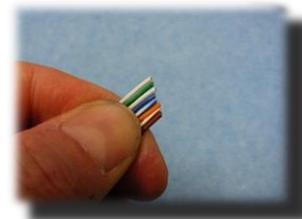
8. Straighten wires to prepare for load bar.



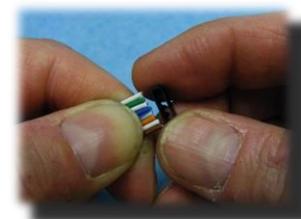
9 Straight cut uneven ends.



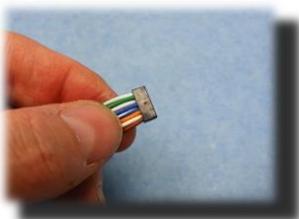
10A. Pre-stage wires in stagger to match load bar opening.



10B. OPTIONAL ANGLE CUT to Pre-stage wires in stagger to match load bar opening as shown.



11. Put Load Bar onto conductors using lead in opening of the Load Bar to help guide into the two levels.



12. Push back towards cable jacket.



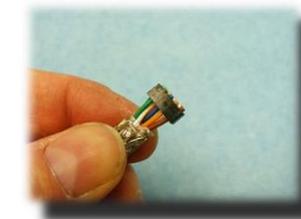
13. Load bar installed.



14. Cut Conductors leaving .140 to .160 inch from front of the Load Bar to the conductor tips.



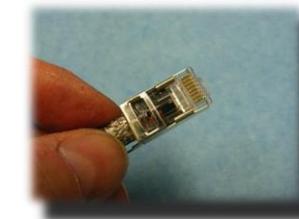
15. Finished Cut.



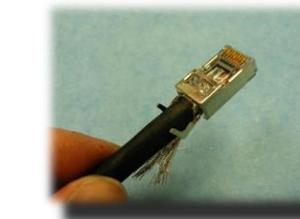
16. Carefully pull Load bar out to conductor tips.



17. Bend down shield as shown.



18. Insert Load Bar and Cable into the Plug Housing. Bottom fully into Housing.



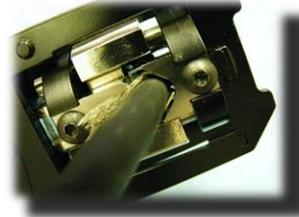
19. Bend up shield as shown to prepare for crimping.



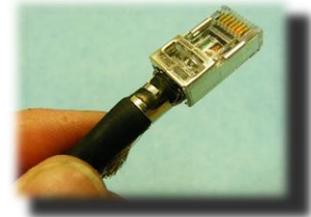
20. Bring braid or foil and drain wire to bottom for crimping as shown.



21. Make sure conductors are bottomed in the Plug Housing.



22. Terminate Fully.



23. Finished termination.



24. Trim excess shield if desired.



25. Install Optional Boot over back of Plug housing.



26. Finished cable end.