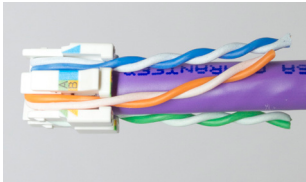
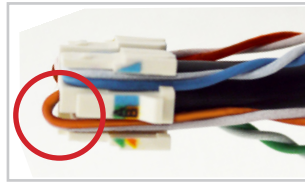


## Tips to Ensure Successful REVConnect Installation

- 1.** When bending all four pairs over and down the manager, ensure that the pairs are pulled snug into the manager channels so they are flush with the top of the manager, and that there are no bumps above the top of the cable manager. This allows the cap to be seated properly.

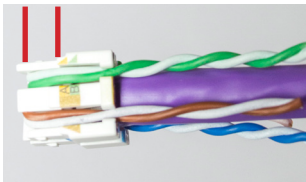


CORRECT

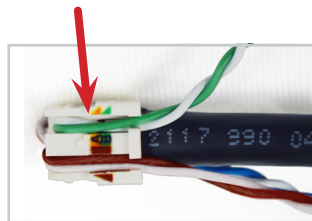


INCORRECT

- 2.** Ensure that all conductor pairs are parallel and flat at least halfway down the side of the cable manager (between the red lines shown) to avoid potential opens and shorts. Note that all white conductors should be placed on the outside.

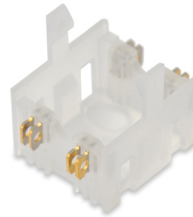


CORRECT

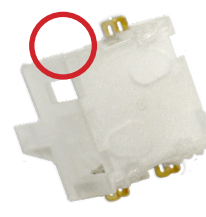


INCORRECT

- 3.** Prior to placing them over the cable manager, ensure that all eight contact pins are in place on the cap and did not become dislodged during handling.

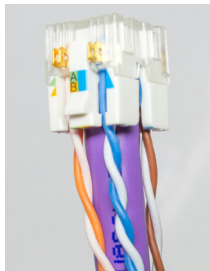


CORRECT

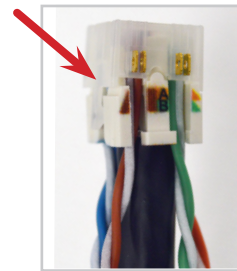


INCORRECT

- 4.** Before placing in the termination tool, apply pressure with your hand to ensure that the cap is completely seated on the cable manager and that gaps do not exist between the cap and manager.

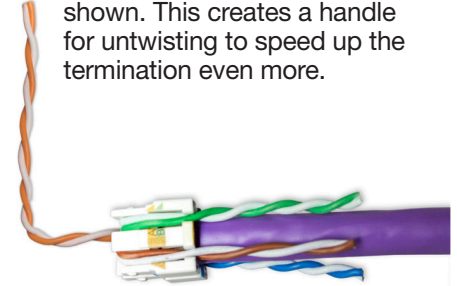


CORRECT

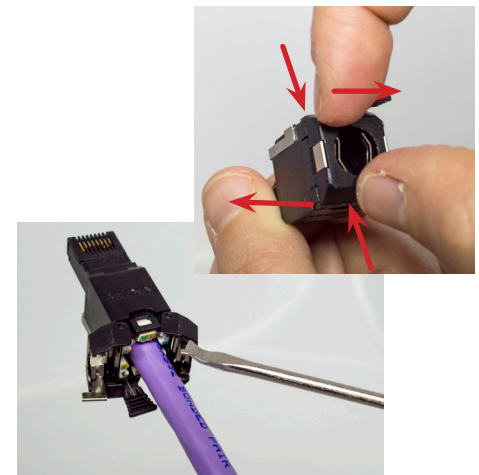


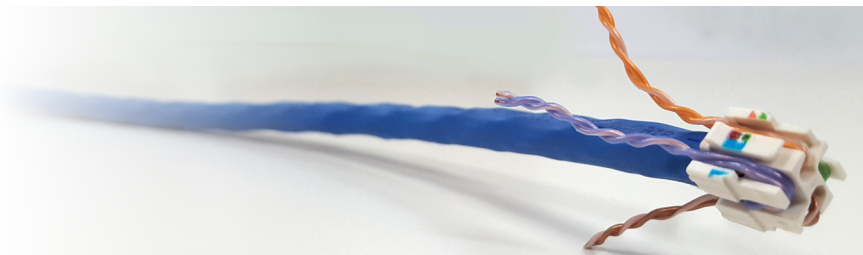
INCORRECT

- 5.** When untwisting pairs, bend each pair into an “L” shape as shown. This creates a handle for untwisting to speed up the termination even more.



- 6.** When removing a terminated core from a plug or shielded jack with doors, open the rear doors by depressing the metal “squares” on the sides of the doors. Then, squeeze vertically on the upper and lower pins and pull your fingers apart. Lift on the latch with a small screwdriver (or the Belden outlet release tool) and pull the cable out.





## Troubleshooting Guide

Problem	Possible Cause	Solution
Testing the termination reveals a "short."	Pairs crossed in the cable manager channel and contact pierced both conductors.	See Tip #2
Testing the termination reveals an "open."	Contact became dislodged from the cap prior to termination during handling and is missing.	See Tip #3
Testing the termination reveals a wiremap failure.	Pairs are not terminated in the proper color-coded channels in the manager.	See Steps 2-5 in the installation guide
Terminated core will not fully insert into the connector body.	The cap is not fully seated on the manager during termination. Gaps may be present.	See Tips #1 and #4
The plug doors will not close fully or come off.	The terminated core is not inserted all the way into the plug housing.	See Tip#4, and apply enough pressure by hand to ensure that the core tab snaps into the plug latch.

## Shielded Termination Instructions

Cable Type	Foil Shield Termination Instructions
Double jacket with foil having conductive surface facing out.	<ol style="list-style-type: none"> <li>Using the rip cord, remove about 2 inches of outer jacket</li> <li>Wrap drain wire around the inner jacket (6-7 wraps in a single, non-overlapping layer)</li> <li>Expose about 3/8-inch foil facing out and cut the excess</li> <li>Cut the inner jacket and the cross-web at the end of exposed foil</li> </ol>
Double jacket with foil having conductive surface facing inside.	<ol style="list-style-type: none"> <li>Using the rip cord, remove about 2 inches of outer jacket</li> <li>Fold the foil back over the outer jacket</li> <li>Cut the inner jacket and the cross-web at the end of exposed foil</li> <li>Wrap the drain wire around the foil and outer jacket (6-7 wraps in a single, non-overlapping layer)</li> <li>Leave about 1/4-inch of exposed foil and cut the excess</li> </ol>
Single jacket with foil having conductive surface facing out.	<ol style="list-style-type: none"> <li>Using the rip cord, remove about 2 inches of the jacket</li> <li>Wrap drain wire around the foil about 3/8-inch from the end of the jacket (6-7 wraps in a single, non-overlapping layer)</li> <li>Cut the excess foil</li> <li>If present, cut the cross-web flush to the jacket</li> </ol>
Single jacket with foil facing inside.	<ol style="list-style-type: none"> <li>Using the rip cord, remove about 2 inches of the jacket</li> <li>Fold the foil over the jacket with the conductive surface facing out</li> <li>Wrap the drain wire around the foil (6-7 wraps in a single, non-overlapping layer)</li> <li>Leave about 1/4-inch of exposed foil and cut the excess</li> <li>Cut the cross-web flush to the jacket</li> </ol>

For More Information

1.800.BELDEN1 • [belden.com/industrial-revconnect](http://belden.com/industrial-revconnect)