

For More Information Belden  
 Technical Support  
**1.800.BELDEN1**  
[belden.com/industrial-revconnect](http://belden.com/industrial-revconnect)

UTP: PX106876 Revision A

REVCONNECT-UTP-INSTALLATION-GUIDE\_IG\_INCA\_BDC\_0119\_ENG

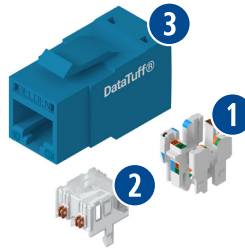
# BELDEN

## Installation Guide

DataTuff® Industrial REVConnect UTP  
 RJ45 (Jack or Plug)

### Materials

1. Industrial REVConnect Cable Manager
2. Industrial REVConnect Termination Cap
3. Industrial REVConnect UTP Jack (or Industrial REVConnect UTP Plug)

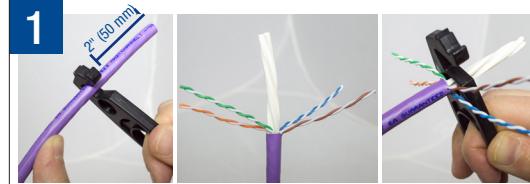


### Tools

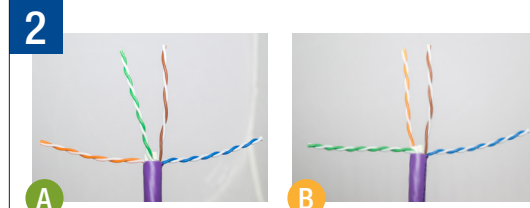
<b>RVUTT01</b> REVConnect Termination Tool	<b>RVUTB01</b> REVConnect Blade Replacement	<b>AX101185</b> Belden Release Tool
---	--	--

### Spares and Optional Items

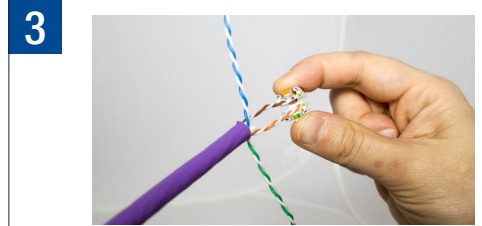
<b>RVUI00UEWB50</b> Industrial REVConnect Core Pack, Bulk Pack of 50	<b>RVUDCxx-B24</b> REVConnect Dust Cover, Color xx, Bulk Pack
---	--



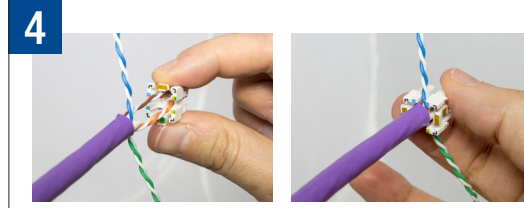
Use REVConnect Cable Preparation Tool to strip any jacketing material, split your pairs into two groups (O/G & BL/BR) and cut your crossweb. For more information, cable preparation guidelines are available on our website



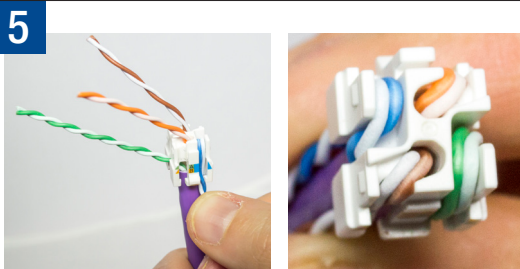
After cable is fully prepped, align your pairs in a 2 up, 2 down formation  
**T568A:** Green and brown pair up  
**T568B:** Orange and brown pair up



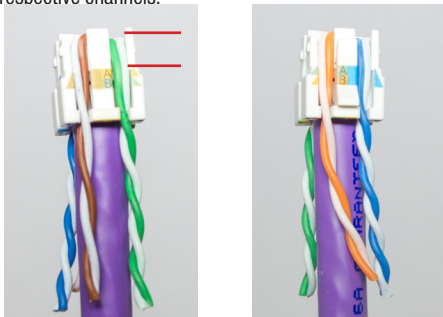
Locate the brown box on the bottom of the cable manager. Insert the brown pair and green (for T568A) or orange (for T568B) pair through the holes and begin sliding the manager down the cable



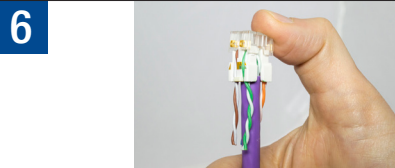
As you slide the cable manager down the wires, follow the printed arrows to turn the manager *clockwise* until the outer pairs can reside in between the outer channels. Cable manager should sit snugly on cable



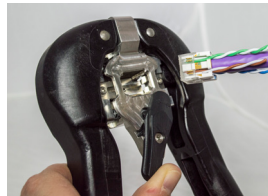
Untwist pairs (do not separate) just enough for the white conductor to reside on the outside. Bend all four pairs over and down the manager and lock into their respective channels.



Pairs should lay flat (side by side) between the red lines. Verify your white conductors are all on the outside.



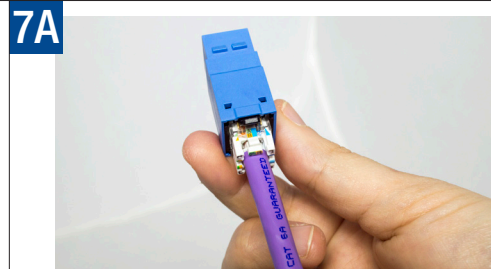
Align the contacts of the cap with the wired cable manager and push until it snaps down.



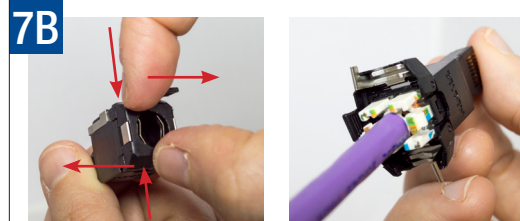
Insert the terminated core (cable manager and cap) into the tool until the middle latch returns to the center.



While holding the cable with one hand, compress the handles to complete your termination

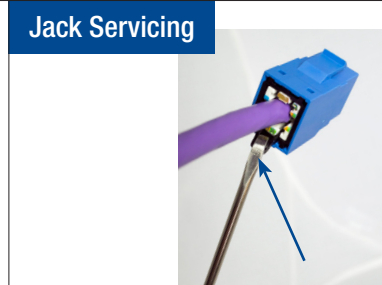


Align the rear jack latch with the latch on the cable manager and snap on your RJ45 housing. The terminated jack is now ready for testing.

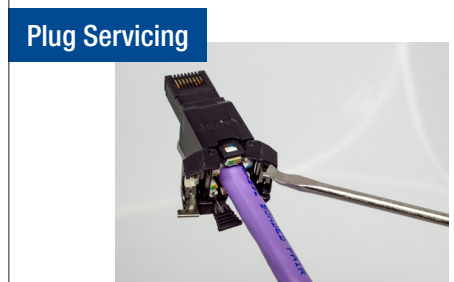


Open the rear doors of the RJ45 plug by squeezing vertically on the pins and pulling your fingers apart.

Align the rear plug latch with the small latch on the cable manager and snap on your RJ45 housing. The terminated plug is now ready for testing.



To remove, press down on the latch with a small screwdriver (or Belden release tool) and pull the cable out



To remove, open the rear doors by squeezing the upper and lower pins. Lift on the latch with a small screwdriver (or Belden release tool) and pull the cable out