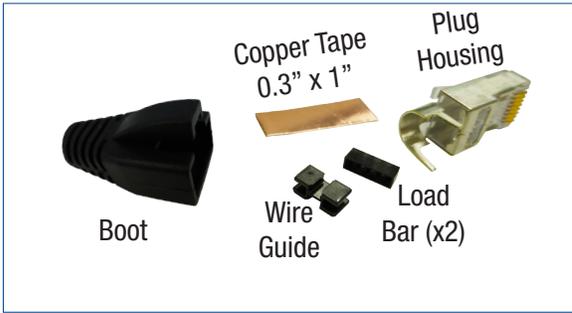


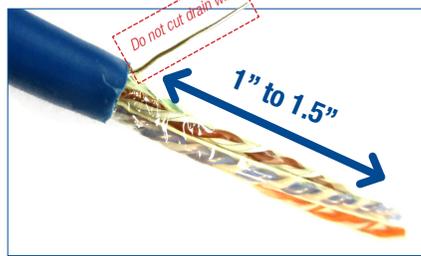
1



The x2 load bars are the same



2



- Place the boot on jacket, if used
- Remove 1" to 1.5" of the jacket
- Cut the foil & the film flush to the jacket

3



- Fan out all of the pairs
- Cut the filler flush on the jacket
Make sure not to nick the wire insulation

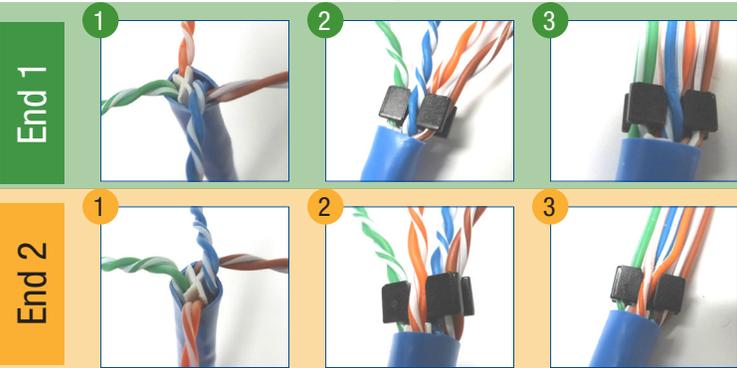
4a



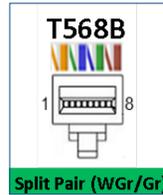
Split Pair (WOr/Or)

1. T568A: Orient Green pair to the left and Brown pair to the right. Either Blue or Split pairs may be in front depending on which end is used.
2. Insert the wire guide tight against the jacket. Make sure to have filler cut flush to the jacket.
3. Untwist and separate all the wires to the edge of the wire guide. Straighten the wires and dress them accordingly to T568A as shown below.

TIP: Bonded-Pairs cable can be separated using a Belden 1797B Tool cable separator.



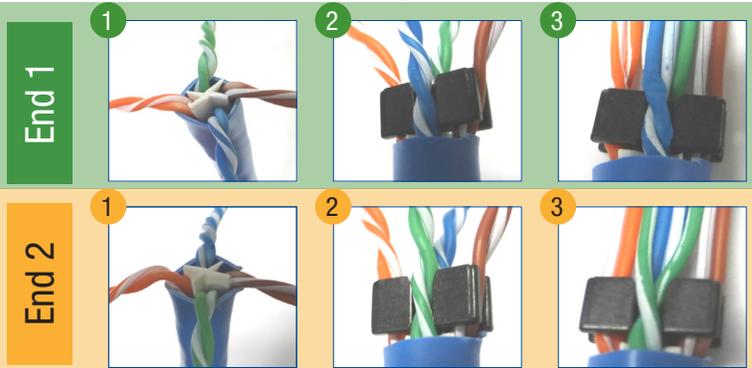
4b



Split Pair (WGr/Gr)

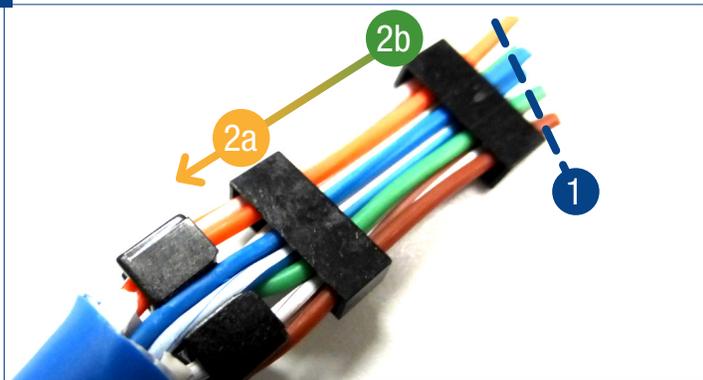
1. T568B: Orient Orange pair to the left and Brown pair to the right. Either Blue or Split pairs may be in front depending on which end is used.
2. Insert the wire guide tight against the jacket. Make sure to have filler cut flush to the jacket.
3. Untwist and separate all the wires to the edge of the wire guide. Straighten the wires and dress them accordingly to T568B as shown below.

TIP: Bonded-Pairs cable can be separated using a Belden 1797B Tool cable separator.



5

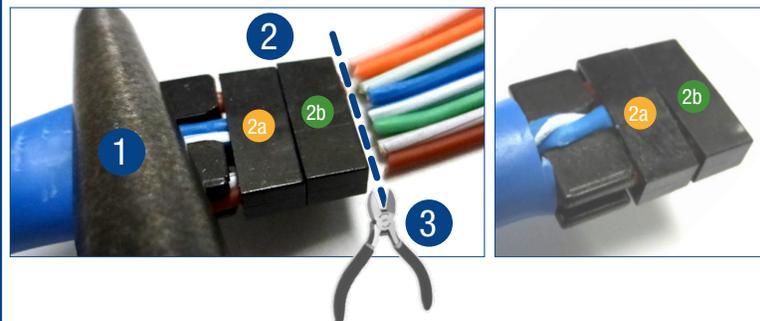
Example of termination: Cable End1 in T568B



1. Trim off the wires at a 45° angle.
2. Insert the wires into the two loaded bars (x2) with tapered end oriented to the jacket.

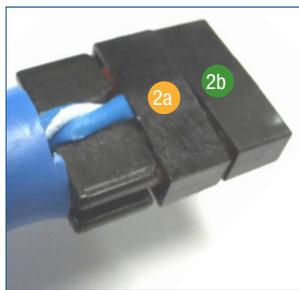


6

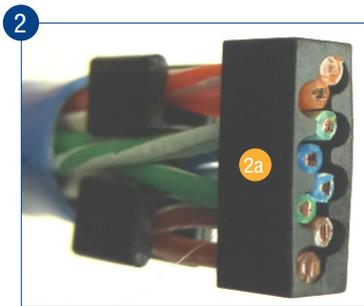
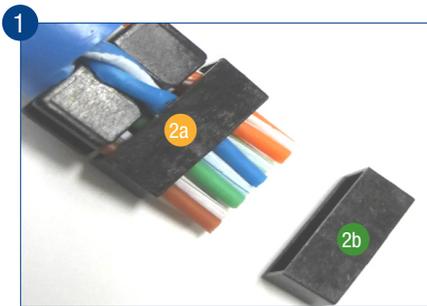


1. To ease the insertion into the plug, flatten the end of the jacket using the height of the wire guide as reference.
Stop flattening the jacket when the height of the wire as a refere.
2. Slide down the load bars (2x) tight against the wire guide.
3. Use a flush-cutter to cut the wires evenly to the top of the load bar **2b**.



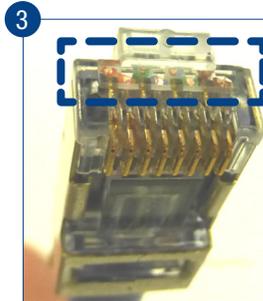
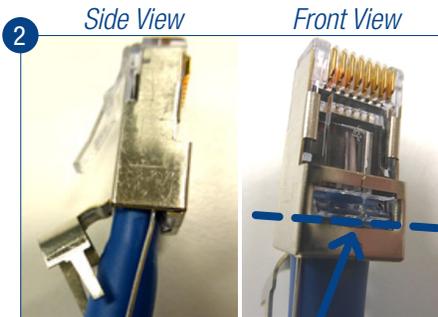
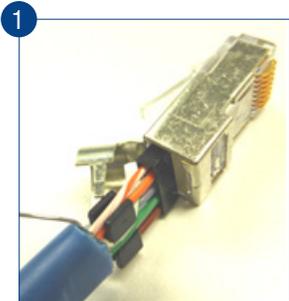
7

Assembly from step 6.



1. Remove the load bar **2b** as it is no longer used beyond this step.
2. Pull back the remaining load bar **(2a)** so the end of the wires are at the edge of the load bar.

Verify that the wires are in the right sequence.

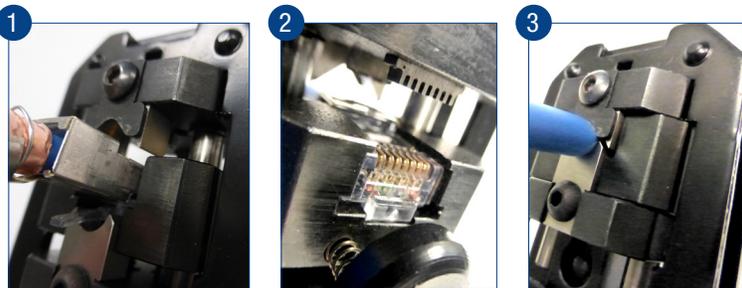
8

The jacket must be underneath the secondary crimp

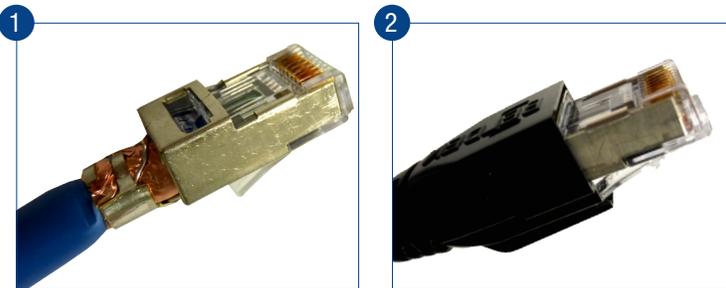
1. Lift the tab to clear the plug entrance. Position the plug to have the blades on the front and insert the assembly into the plug with brown pair on the right.
2. Insert the assembly into the plug until the wires reach the end of the plug.
3. Verify that the wires are at the end of the plug.

9

1. Wrap the copper tape around the cable.
2. Wrap the drain wire around the copper tape.
3. Preform the strain relief tightly around the cable.

10

1. Insert the plug in the opening of the crimp tool (Use recommended tool; CTPFC01).
2. Insert the plug until it reaches the end of the crimp tool.
3. Crimp the plug completely until the mechanical release is activated.

11

1. Remove the plug from the crimp tool.
2. Position the boot so the flat part is on the same face as the blades of the plug. Slide the boot over the plug until it locks.

Please refer to the cable-plug compatibility guide 'Plug Compatibility Matrix_V1_ECOS_BDC_0415_A_AG' for proper pairings