

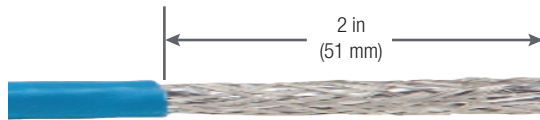
## DM-CONN DigitalMedia™ Connector

### DO Prepare the DM-CBL-ULTRA Cable for Termination

Prepare the Crestron® DigitalMedia™ DM-CBL-ULTRA cable for termination by doing the following:

**CAUTION:** Do not nick the insulation or the foil shield of the four twisted wire pairs.

1. Strip the outer jacket of the cable about 2 inches (51 mm) from the end of the cable—do not remove or cut the braid shield.

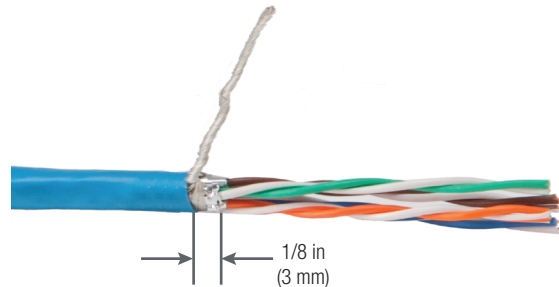


2. Pull the braid shield away from the cable, and then do the following:

- a. Twist the braid shield into a wire.
- b. Trim the end of the braid shield 1/4 inch (6 mm).



3. Remove the foil shield from each of the four twisted wire pairs, leaving 1/8 inch (3 mm) of the foil shields from the edge of the outer jacket.

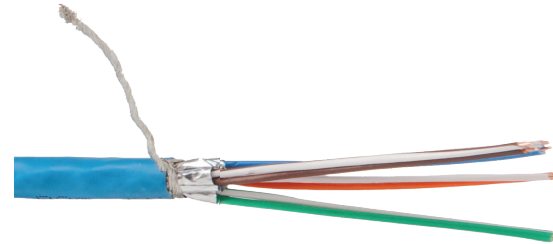


### DO Check the Box

QTY	PRODUCT	COLOR	PART NUM.
20	Connector, RJ-45, CAT6		2022918

Not Included: Cable, Pliers, Wire Strippers, Flush Cutters

4. Untwist each of the four twisted wire pairs, and then straighten each wire.



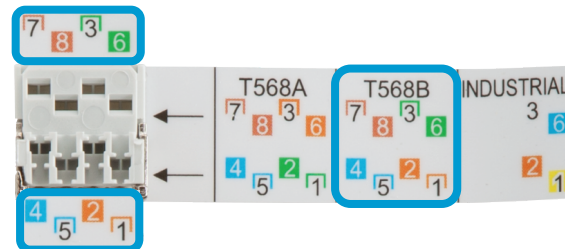
5. Wrap the braid shield around the foil shields two to three times.



### DO Insert the Wires into the Bottom of the DM-CONN Connector

Using the T568B wiring scheme, insert the wires into the bottom of the DM-CONN connector by doing the following:

1. Using the attached tag as a wire guide, observe the T568B wiring scheme and the two black arrows on the left side of the tag:
  - The T568B wiring scheme indicates the wire color and associated pin assignment.
  - The top black arrow indicates that the brown and green wire pairs should be visible in the four slotted holes for pin assignments 7, 8, 3, and 6.
  - The bottom black arrow indicates that the blue and orange wire pairs should be positioned in the four grooves for pin assignments 4, 5, 2, and 1.



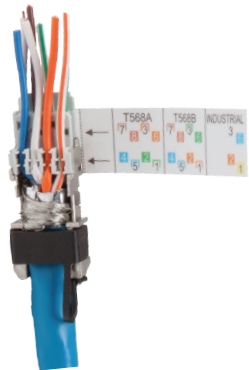
2. Arrange the brown and green wire pairs for T568B termination, insert the wires through the circular holes of the connector, and then pull the wires until the braid shield is seated immediately below the wire insertion point of the holes.



3. Arrange the blue and orange wire pairs for T568B termination, and then insert them into the grooves of the connector.



4. With the cable clamp positioned below the braid shield, snap the clamp onto the connector to secure the cable.

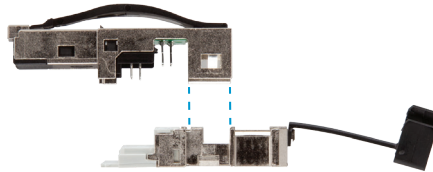


5. Trim the excess wire pairs as follows:
  - a. Trim the blue and orange wire pairs so that they are flush with the edge of the grooves.
  - b. Trim the brown and green wire pairs so that they are flush with the circular holes.



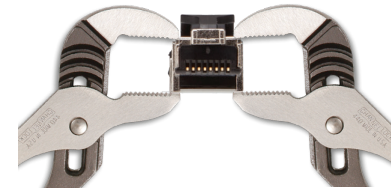
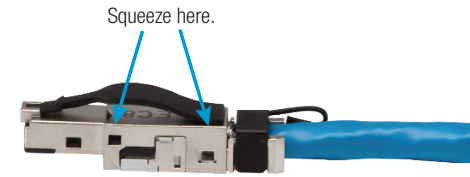
## DO Attach the Top of the Connector

The top and bottom of the connector are offset from each other. The top of the connector joins the bottom of the connector at almost the midpoint of the bottom connector (shown below without wiring for illustrative purposes).

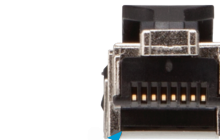


Using pliers (preferably CHANNELLOCK® tongue-and-groove pliers, not included), attach the top of the connector to the bottom of the connector by squeezing them together at the front and back on both the left and right sides until you hear a

click in each location. Do **not** position the pliers on the plastic portion of the top connector—position the pliers on the metal surface only.



Once attached, verify that no gap exists and that no wire is visible along the front edge of the connector.



No Gap or Wire

## DO Learn More

Visit the website for additional information and the latest firmware updates.

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CE As of the date of manufacture, the product has been tested and found to comply with specifications for CE marking.

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