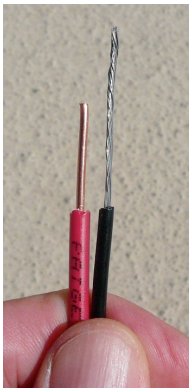
DBR/Y-6 Installation Instructions

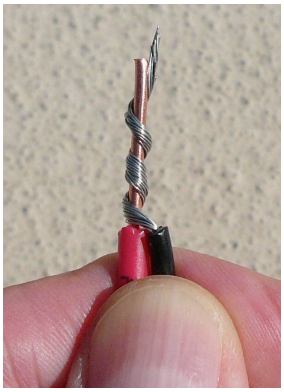
Replaces DBY, DBR, DBY-6, DBR-6, and DBR/Y

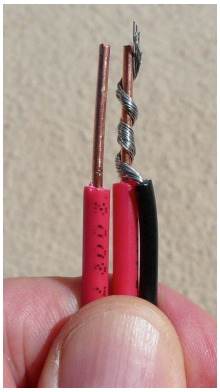
Step 1 - Strip ¾" of insulation from the solid wires and 1-¼" of insulation from stranded wires.

Step 2 – Place the ends of the insulations side-by-side and wrap the stranded wires around the solid. Be sure the stranded wires stick out about an eight of an inch. Trim any excess with your wire strippers.

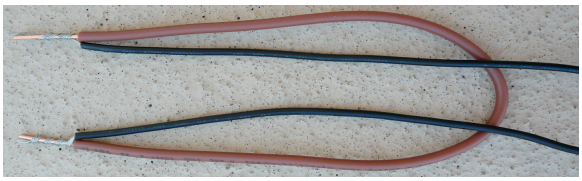
Step 3a – When connecting stranded wires only, just twist them slightly before twisting the connector onto them.



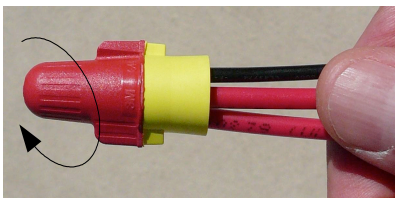




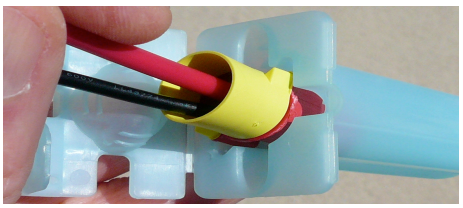
Step 3b – When connecting wires that are smaller than 14AWG, it is necessary to add a loop of 14AWG solid wire to stiffen the connection for easier insertion into the gel-filled tube. See photo below of the completed connection.



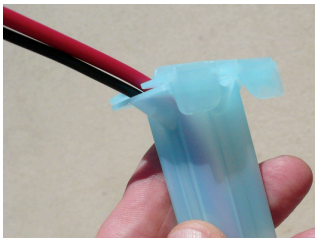
Step 4 - Twist the Red/Yellow (R/Y) wire connector onto the wires in a clockwise rotation until it is very tight. Pull on each wire while holding the Red/Yellow connector to make sure they don't come out.



Step 5 – Align the R/Y connector with the channels in the gel-filled tube and slide the wires in until the R/Y connector bottoms-out and locks in place.



Step 6 – Close the lid of the tube to apply pressure onto the insulation of the wires. This ensures that the wires will not slide out when they are pulled-upon during system maintenance. Place small diameter wires in the same channel as the larger wires so they are captured securely by the tube lid.



The photo on the right shows a typical connection when small gauge wires have to be connected. Note the loop of 14 AWG wire used to facilitate the insertion into the gel-filled tube.