

# ISODYNE

TOOL - LESS BRAID TERMINATION SYSTEM

*Superior EMI/RFI shielding performance*

## Isodyne Splice Kit Installation Instructions



[www.isodyneinc.com](http://www.isodyneinc.com) (316) 682-5634

7706 Osie Wichita, KS 67207



# ISODYNE

## Isodyne Splice Kit Installation Instructions

***This installation walkthrough covers the recommended processes for the Isodyne Splice Kit Series. These processes can be used for each configuration and cable diameter size. These processes describe an installation using twisted, shielded cables and a gross over-braid. For installations utilizing different components, please contact Isodyne directly for more information.***

***Isodyne splice kits can be used for cable bundle repair, or for managing breakouts in cable assemblies allowing for re-work and downstream conformance. These processes will apply to both uses. If using the pass through without individual shield management, steps one through seven will not apply.***



# ISODYNE

## Isodyne Splice Kit Installation Instructions

### STEP 1:

If using the slot for individual ground management, strip the outer jacket from each twisted pair allowing access to the individual shield.



# ISODYNE

## Isodyne Splice Kit Installation Instructions

### STEP 2:

Once the individual shield is exposed for each cable, push the shield down toward the base of the strip to create a “window” in the braid near where the insulation begins.



*Arrow pointing to “window”*

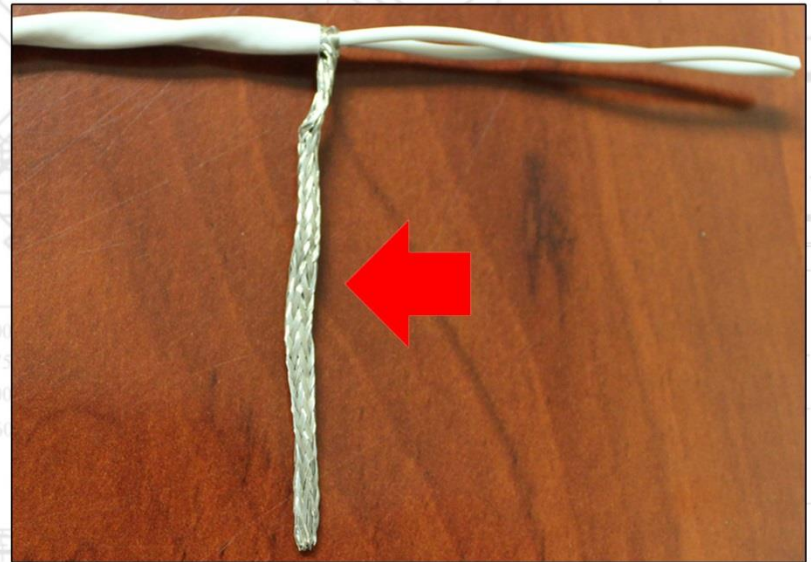


# ISODYNE

## Isodyne Splice Kit Installation Instructions

### STEP 3:

Pick the conductors through the “window” and pull the shield to the side to create a shield “pig tail”. Do this for each cable in the bundle.



Arrow pointing to “pig tail”

# ISODYNE

## Isodyne Splice Kit Installation Instructions

### **STEP 4:**

With each cable bundle prepared, terminate the conductors with your preferred method.

### **STEP 5:**

Bundle the terminated conductors together while leaving the individual shields to the side.

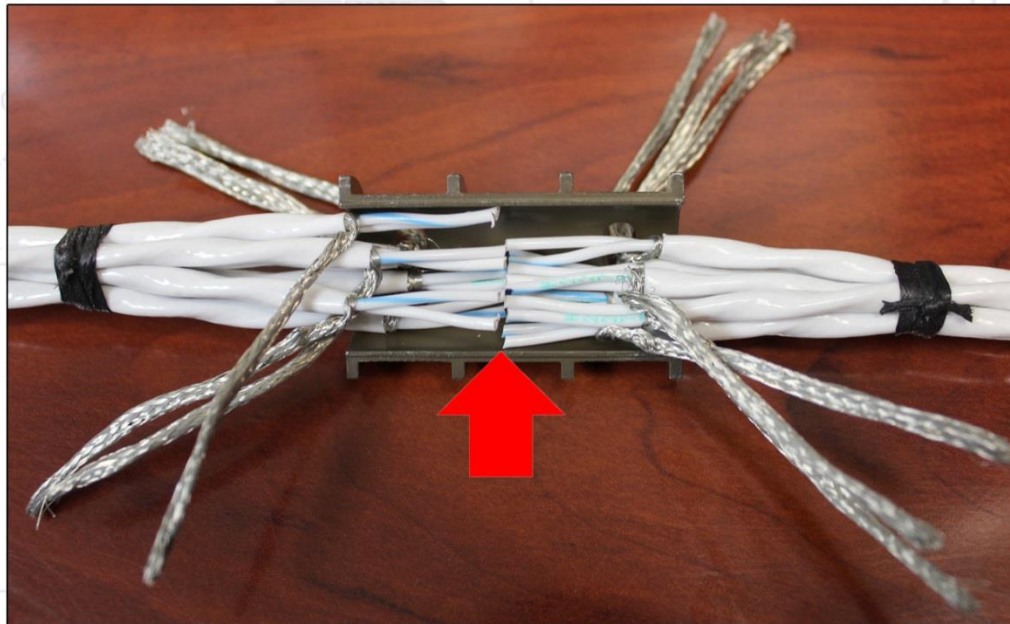


# ISODYNE

## Isodyne Splice Kit Installation Instructions

### **STEP 6:**

**Take one half of the Isodyne Splice Kit and place it beneath the bundle.  
Then route one half of the shields per end through the slot.**



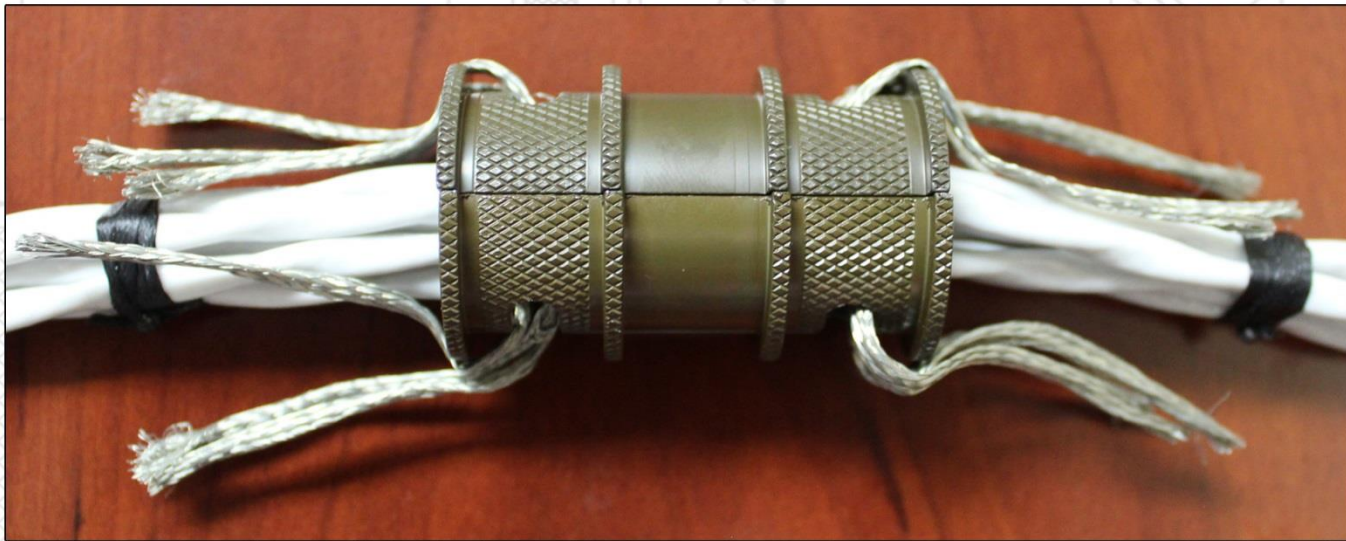
*Arrow pointing to site of conductor termination*

# ISODYNE

## Isodyne Splice Kit Installation Instructions

### **STEP 7:**

Take the second half of the Isodyne Splice Kit and route the remaining shields into the slots as you work the two halves together.





# ISODYNE

## Isodyne Splice Kit Installation Instructions

### STEP 8:

Once the two halves are clasped together around the cable bundle and the tongue and grooves are seated properly, fold the protruding individual shields back onto the cable bundle and spot tie. If using the pass through without individual shield management, there will be no shields protruding.

Clasp the two halves together and proceed to step nine.

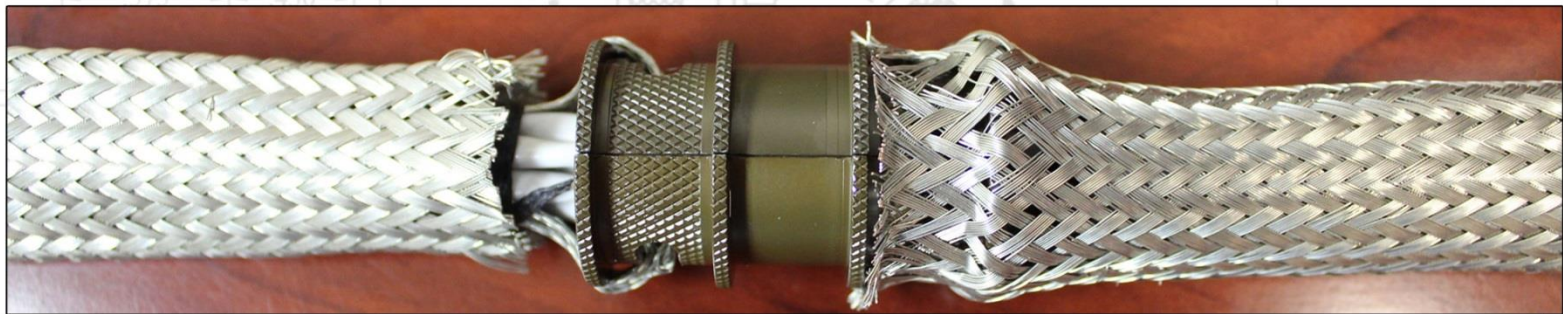


# ISODYNE

## Isodyne Splice Kit Installation Instructions

### STEP 9:

Now pull the gross over braid toward the splice kit until the leading edge of the braid reaches the innermost shoulder of the first banding surface. Repeat this step for each cable entry.



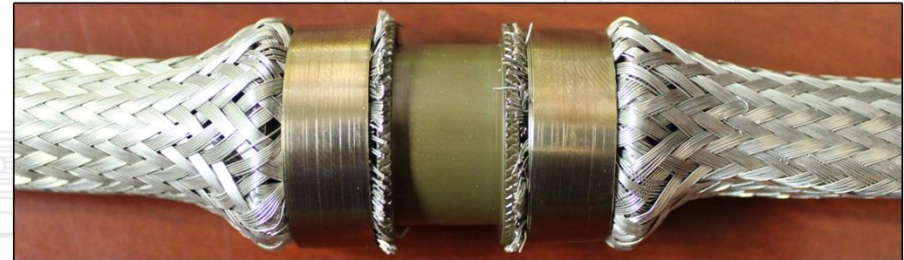


# ISODYNE

## Isodyne Splice Kit Installation Instructions

### STEP 10:

Using the supplied Isodyne Spring Band, open the spring with your fingertips and apply the spring to the first banding surface. Rotate the spring around the banding surface while ensuring the braid is seating neatly beneath the spring. There should be approximately two and one half wraps of the spring. Repeat this step for each cable entry.



# ISODYNE

## Isodyne Splice Kit Installation Instructions

### STEP 11:

This installation is now complete. If using heat shrink molded shapes or sleeving, it can now be applied over the assembled Isodyne Splice Kit.





# ISODYNE

TOOL - LESS BRAID TERMINATION SYSTEM

*Superior EMI/RFI shielding performance*



***MADE WITH PRIDE IN THE U.S.A.***



[www.isodyneinc.com](http://www.isodyneinc.com) (316) 682-5634

7706 Osie Wichita, KS 67207