

SecureLock Coaxial Jack  
and Plug Connector Kits  
Product Manual

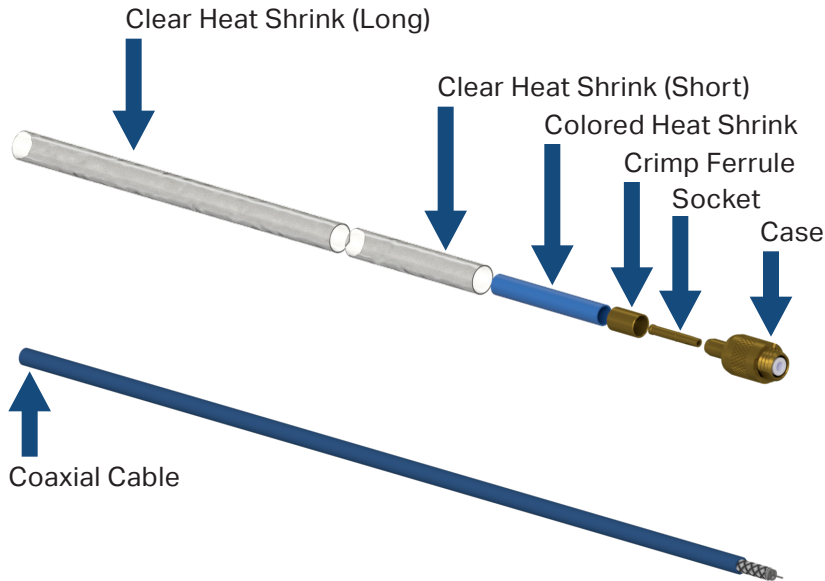
## TABLE OF CONTENTS

- Introduction.....3
- Assembly .....5
- Maintenance ..... 11
- Warranty & Return Information ..... 11

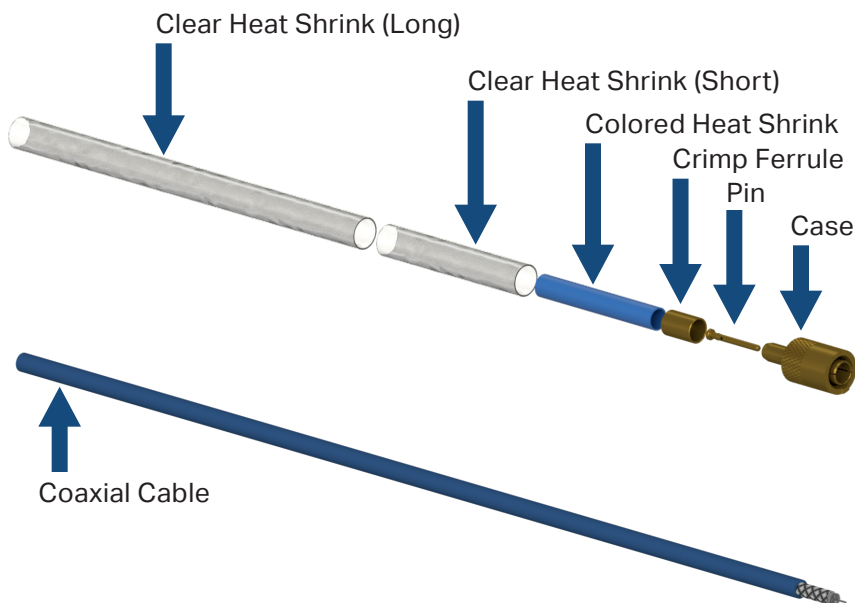


# INTRODUCTION



This document contains information on the operation, assembly, and maintenance of the CK-PXF and CK-PXM connector kits. This manual is an overview of the system and references the specific component manuals. User manuals are provided with the system for all configurable internal components.



**Figure 1. PXF Coaxial Jack Connector Kit Materials**



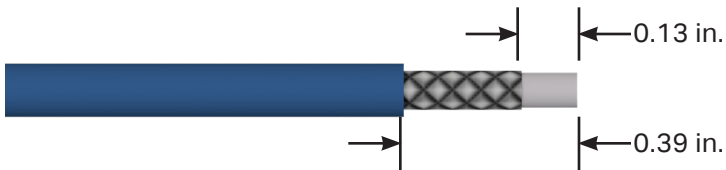
**Figure 2. PXM Coaxial Plug Connector Kit Materials**

| Part # | Connector Kit Parts  | Max Temp.          | Max Cable Diameter    | Connector Kit Parts #                            |
|--------|--|--------------------|-----------------------|--|
| PXF    |  <p>SecureLock Coaxial Jack Connector Kit</p> | 340 °F<br>(171 °C) | 0.12 in.<br>(3,04 mm) | CK-PXF-1A<br>CK-PXF-1B<br>CK-PXF-1C<br>CK-PXF-1D |
| PXM    |  <p>SecureLock Coaxial Plug Connector Kit</p> | 340 °F<br>(171 °C) | 0.12 in.<br>(3,04 mm) | CK-PXM-1A<br>CK-PXM-1B<br>CK-PXM-1C<br>CK-PXM-1D |

**Figure 1. Product Selection Guide**

## ASSEMBLY FOR PXF

1. Strip outer jacket of wire 0.39 in. and shield 0.13 in.



2. Strip inner insulator 0.09 in.



3. Slide the long and then short clear heatshinks onto the cable. If no label is going to be affixed to the cable, the long heatshrink is unnecessary.



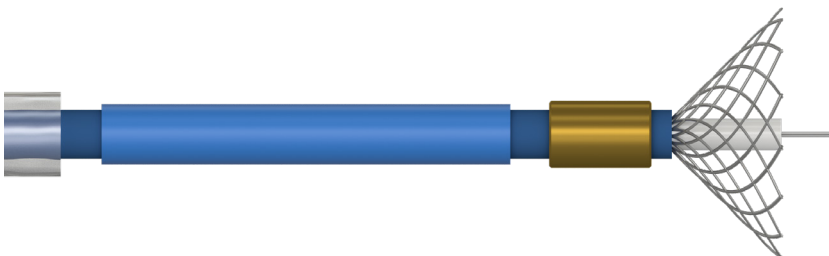
4. Slide the colored heatshrink onto the cable.



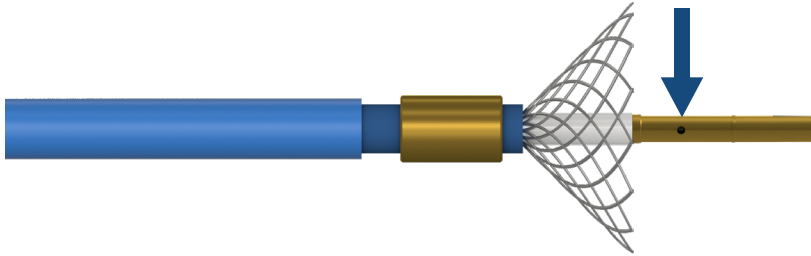
5. Slide the crimp ferrule onto the cable.



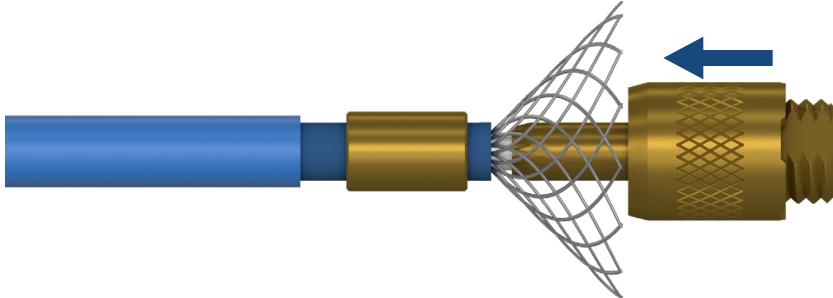
6. Fan out the shielding.



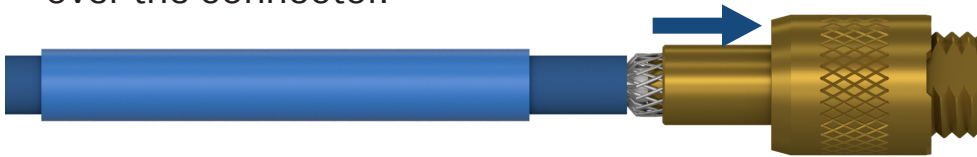
7. Solder the socket onto inner coaxial cable.



8. Slide connector onto the socket and cable.



9. Slide the crimp ferrule toward the connector, pushing down the shield over the connector.



10. Crimp with a 0.137 in. hex crimp.



11. Slide the colored heat shrink forward over the crimp.



12. Use a heat gun to form the heat shrink to the assembly.



13. Slide the shorter clear heat shrink forward onto the connector.



14. Use a heat gun to form the heat shrink to the assembly.



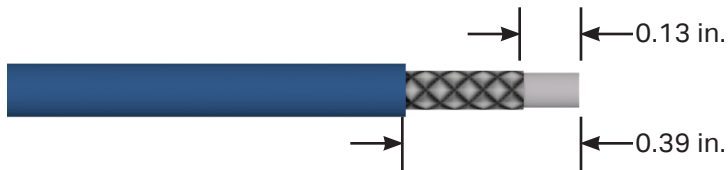
15. If using a label, affix it to the cable, and slide the longer clear heat shrink over it.

16. Use a heat gun to form the heat shrink to the cable over the label.



## ASSEMBLY FOR PXM

1. Strip outer jacket of wire 0.39 in. and shield 0.13 in.



2. Strip inner insulator 0.09 in.



3. Slide the long and then short clear heatshinks onto the cable. If no label is going to be affixed to the cable, the long heatshrink is unnecessary.



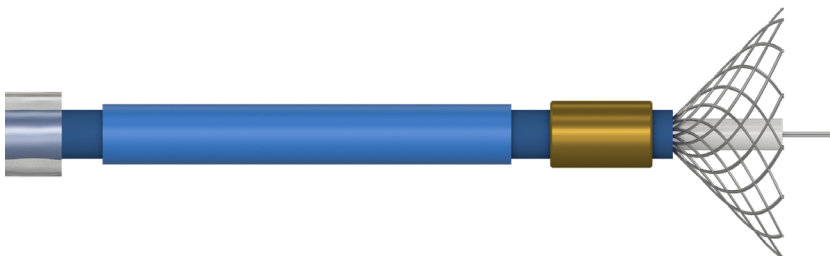
4. Slide the colored heatshrink onto the cable.



5. Slide the crimp ferrule onto the cable.

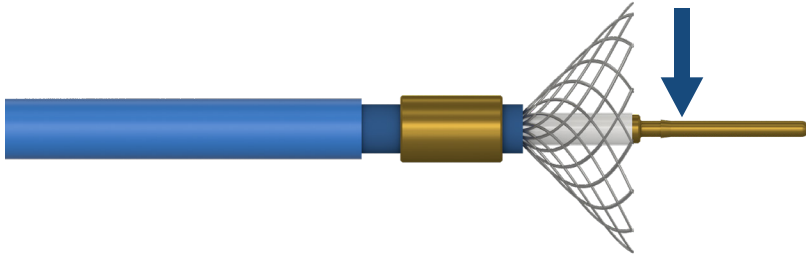


6. Fan out the shielding.

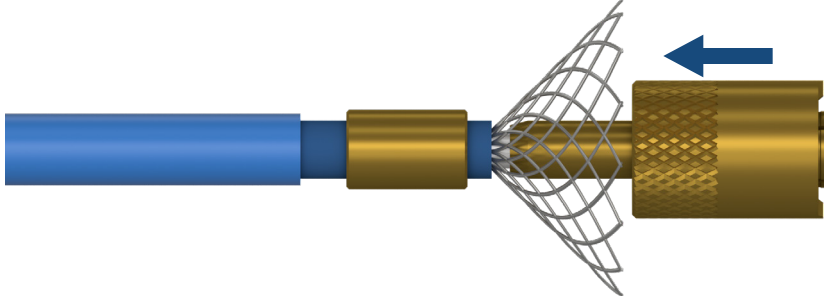




7. Solder the pin onto inner coaxial cable.



8. Slide connector onto the pin and cable.



9. Slide the crimp ferrule toward the connector, pushing down the shield over the connector.



10. Crimp with a 0.137 in. hex crimp.



11. Slide the colored heat shrink forward over the crimp.



12. Use a heat gun to form the heat shrink to the assembly.



13. Slide the shorter clear heat shrink forward onto the connector.



14. Use a heat gun to form the heat shrink to the assembly.



15. If using a label, affix it to the cable, and slide the longer clear heat shrink over it.

16. Use a heat gun to form the heat shrink to the cable over the label.



## **MAINTENANCE**

Once the (product) has been installed, minimal maintenance will be required. Basic visual checks to ensure integrity should be made periodically.

### **General**

There are no customer-replaceable parts. The product has been designed for trouble-free service under normal operating conditions.

## **WARRANTY & REFUND**

Please visit [www.ctconline.com](http://www.ctconline.com) to view a complete recapitulation of our warranty and refund policies.

## **CONTACT INFORMATION**

Connection Technology Center, Inc. (CTC)

7939 Rae Blvd.

Victor, NY 14564

1.585.924.5900

[sales@ctconline.com](mailto:sales@ctconline.com)

[www.ctconline.com](http://www.ctconline.com)

