

SecureLock Coaxial Jack
and Plug Connector Kits
Product Manual

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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.

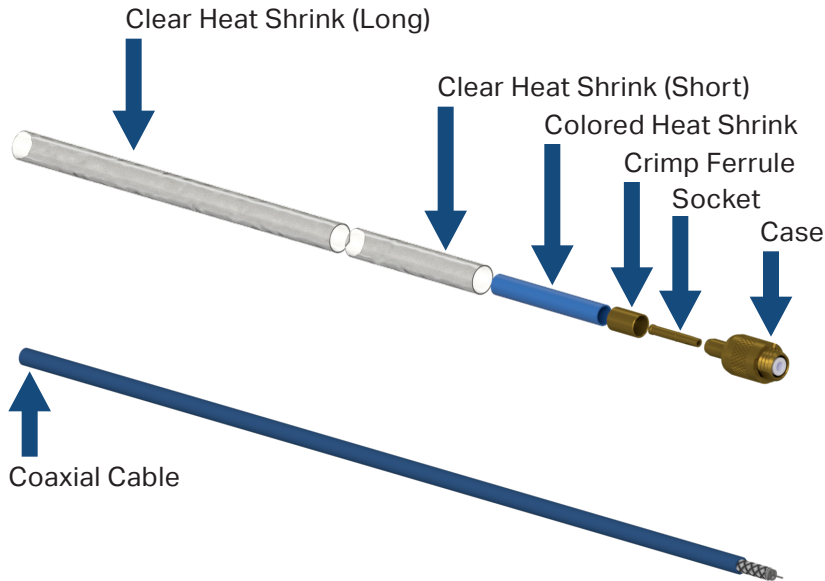


Figure 1. PXF Coaxial Jack Connector Kit Materials

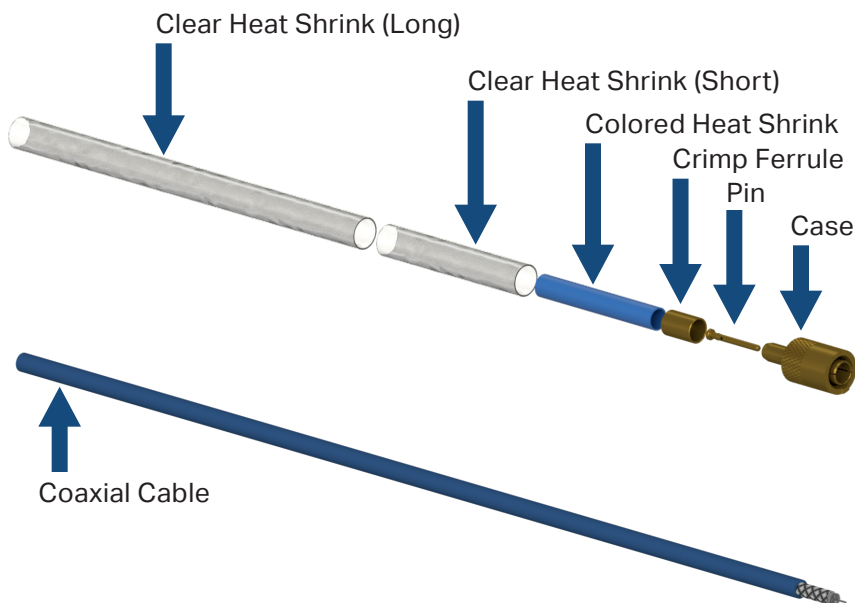


Figure 2. PXM Coaxial Plug Connector Kit Materials



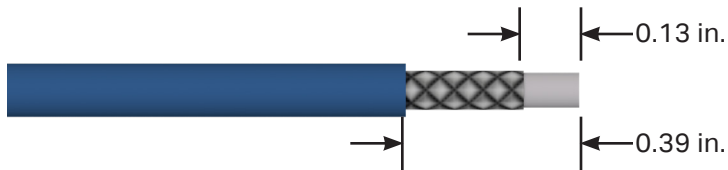
Part #	Connector Kit Parts	Max Temp.	Max Cable Diameter	Connector Kit Parts #
PXF	 <p>SecureLock Coaxial Jack Connector Kit</p>	340 °F (171 °C)	0.12 in. (3,04 mm)	CK-PXF-1A CK-PXF-1B CK-PXF-1C CK-PXF-1D
PXM	 <p>SecureLock Coaxial Plug Connector Kit</p>	340 °F (171 °C)	0.12 in. (3,04 mm)	CK-PXM-1A CK-PXM-1B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



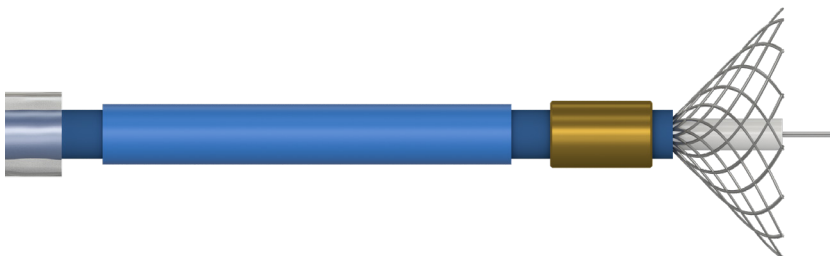
4. Slide the colored heatshrink onto the cable.



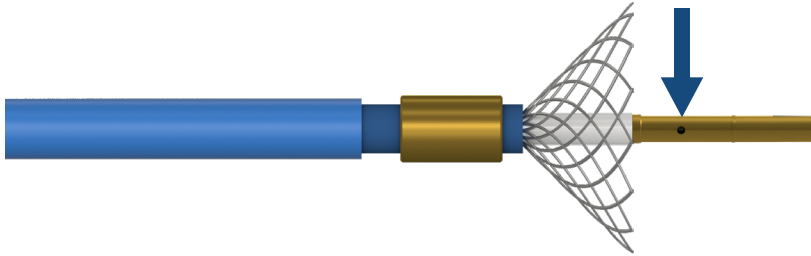
5. Slide the crimp ferrule onto the cable.



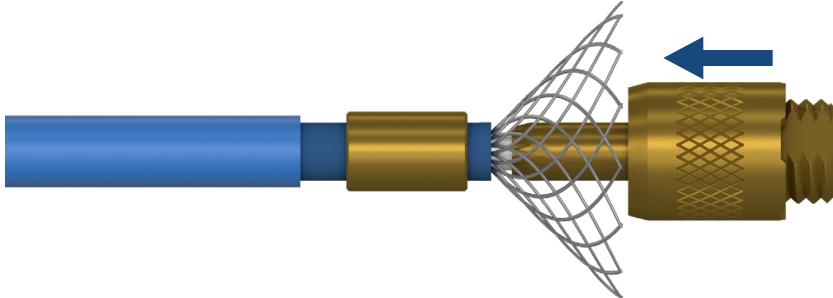
6. Fan out the shielding.



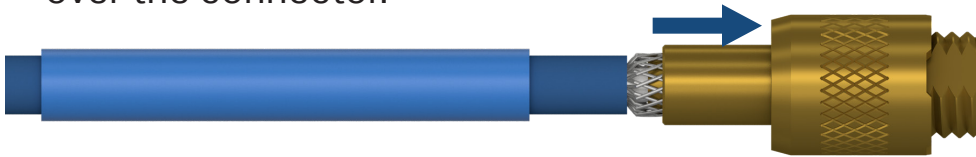
7. Solder the socket onto inner coaxial cable.



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.



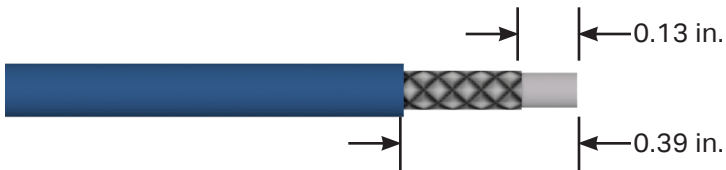
15. If using a label, affix it to the cable, and slide the longer clear heat shrink over it.

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.



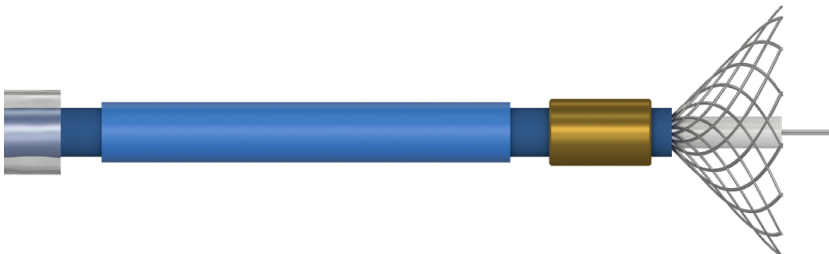
4. Slide the colored heatshrink onto the cable.



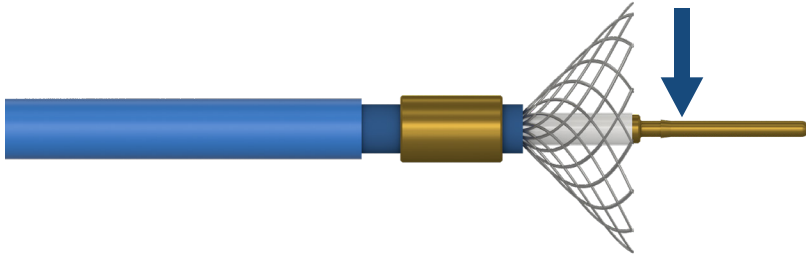
5. Slide the crimp ferrule onto the cable.



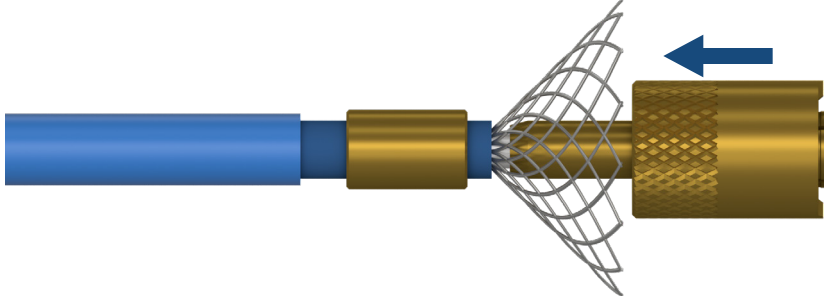
6. Fan out the shielding.



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

Warranty

The PRO line offers a full line of complete proximity probe systems. All PRO products are backed by a lifetime warranty on materials and workmanship. CTC will repair or replace any PRO products as long as the product was not subjected to misuse, neglect, natural disasters, improper installation, or modification.

Refund

All stock products can be returned for a 25% restocking fee if returned in new condition within 90 days of shipment. Stock products qualify for free cancellation if your order is cancelled within 24 hours of purchase. Built-to-order products qualify for a 50% refund if returned in new condition within 90 days of shipment. Custom products are quoted and built specifically to the requirements of the customer, which may include completely custom product designs or private labeled versions of standard products for OEM customers. Custom products ordered are non-cancellable, non-returnable and non-refundable.

