TMP

TEST & MEASUREMENT PRODUCTS

10-32 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 CKT-FD10 and CKT-MD10 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.
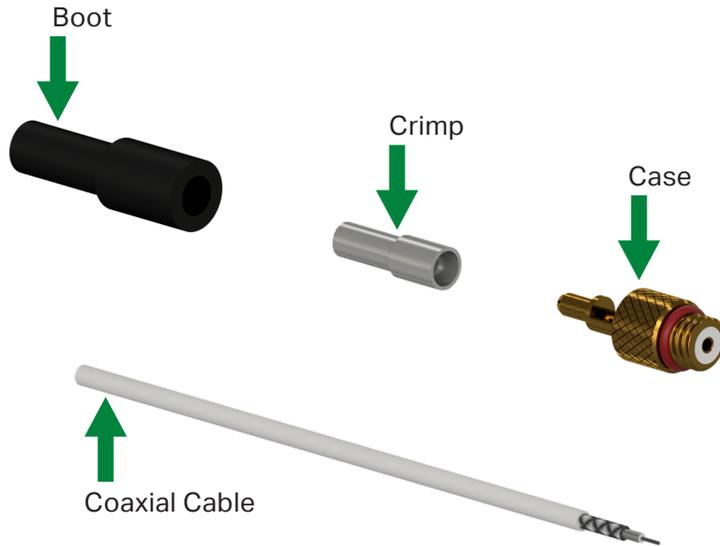

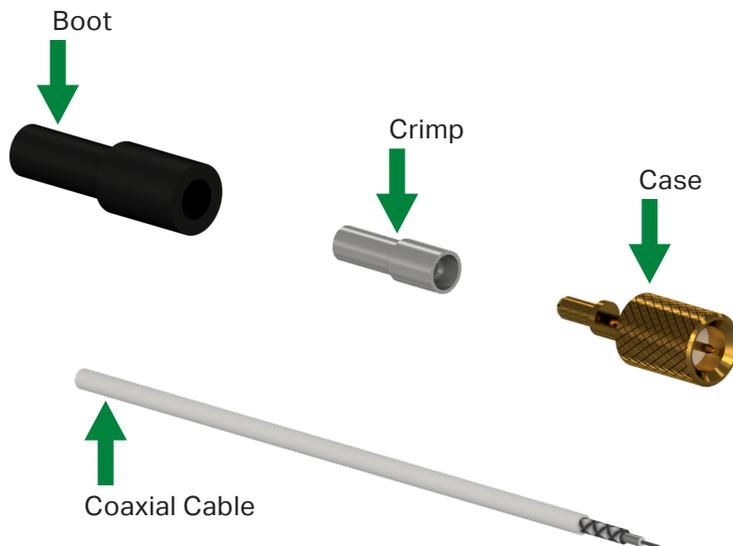*Figure 1. FD10 10-32 Coaxial Jack Connector Kit Materials*

Figure 2. MD10 10-32 Coaxial Plug Connector Kit Materials

| Part #	Connector Kit Parts	Max Temp.	Max Cable Diameter	Connector Kit Parts #	Compatible Cables
FD10	10-32 Coaxial Jack Connector Kit	392 °F (200 °C)	0.072 in. (1,8 mm)	CKT-FD10-07	TMC01 TMC03
			0.101 in. (2,6 mm)	CKT-FD10-101	TMC02
MD10	10-32 Coaxial Plug Connector Kit	392 °F (200 °C)	0.072 in. (1,8 mm)	CKT-MD10-07	TMC01 TMC03
			0.101 in. (2,6 mm)	CKT-MD10-101	TMC02

Figure 1. Product Selection Guide

ASSEMBLY FOR FD10

1. Strip outer jacket of wire 0.35 in. and shield 0.16 in.
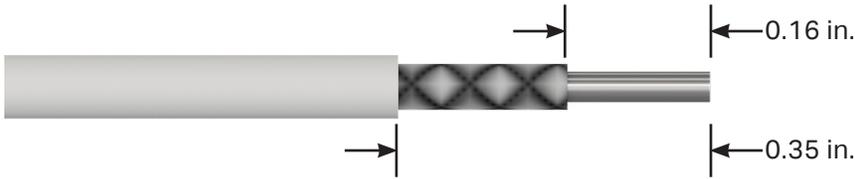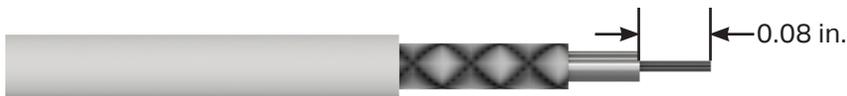
   0.16 in.

   0.35 in.

2. Strip inner conductor 0.08 in.
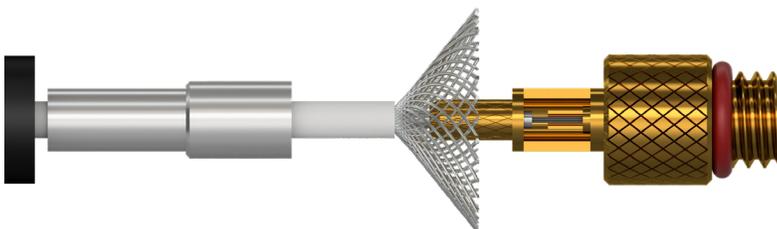
   0.08 in.

3. Slide the boot onto the cable.

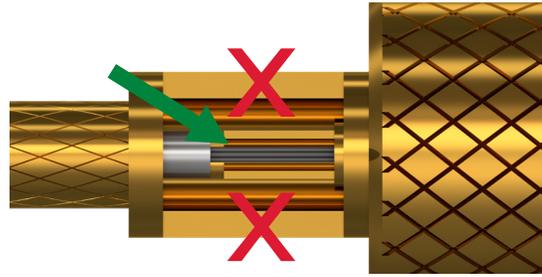4. Slide the crimp onto the cable, with the larger portion facing the prepared end.

5. Fan out the shielding.

6. Insert conductor into the connector so that the inner conductor rests on the tray.
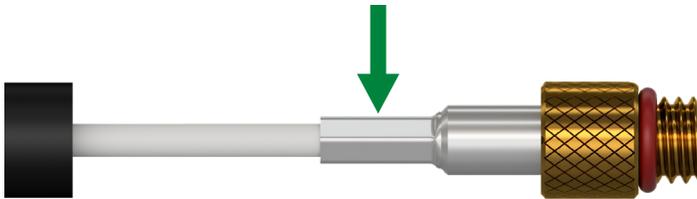
7. Use a small amount of solder to connect the cable's inner conductor to the socket.
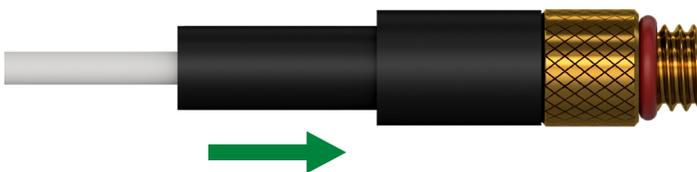   **Do not allow the solder to bridge to the outer casing.**

8. Slide the crimp up to the locking ring.

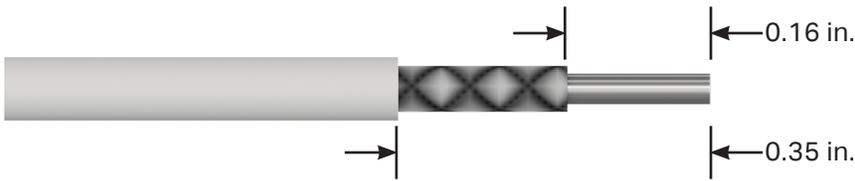9. Crimp with a 0.078 in. hex crimp for CKT-FD10-07 or a 0.128 in. hex crimp for CKT-FD10-101.

10. Slide the boot up to the locking ring.

ASSEMBLY FOR MD10

1. Strip outer jacket of wire 0.35 in. and shield 0.16 in.

0.16 in.

0.35 in.

2. Strip inner conductor 0.08 in.

0.08 in.

3. Slide the boot onto the cable.

4. Slide the crimp onto the cable, with the larger portion facing the prepared end.

5. Fan out the shielding.

6. Insert conductor into the connector so that the inner conductor rests on the tray.

7. Use a small amount of solder to connect the cable's inner conductor to the socket.
   Do not allow the solder to bridge to the outer casing.

8. Slide the crimp up to the locking ring.

9. Crimp with a 0.078 in. hex crimp for CKT-MD10-07 or a 0.128 in. hex crimp for CKT-MD10-101.

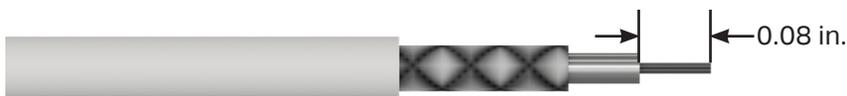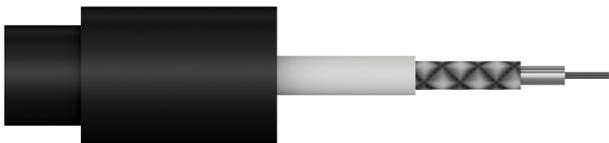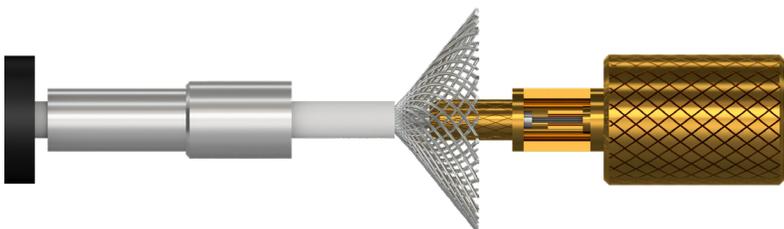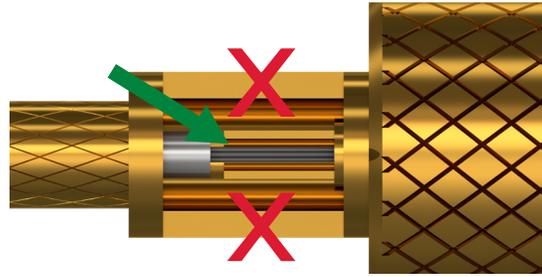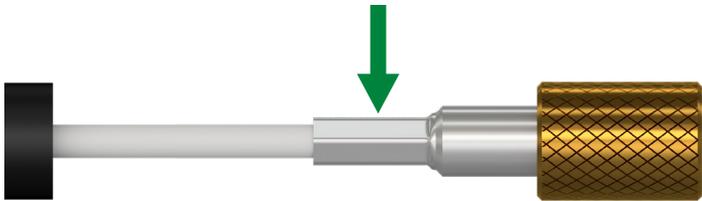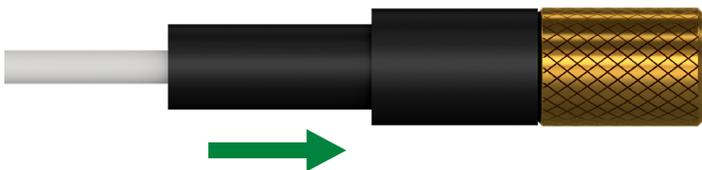10. Slide the boot up to the locking ring.

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
All TMP products are backed by a five-year warranty on materials and workmanship for standard sensors, a three-year warranty on materials and workmanship for all accessories, cables, connectors, and custom products or private-labeled products.

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.