

Figure 1

1. INTRODUCTION

75-Ohm BNC Plug Dual Crimp Connectors 221185-[] are designed to be applied to cable using PRO-CRIMPER* III Hand Tool Frame Assembly 354940-1.

NOTE Dimensions in this instruction sheet are in millimeters [with inches in brackets]. Figures are not drawn to scale.

Reasons for reissue of this instruction sheet are provided in Section 4, REVISION SUMMARY.

2. DESCRIPTION (Figure 1)

Each connector consists of a center contact, plug body, and a straight ferrule or step-down ferrule.

Connector part numbers listed in Figure 1 are supplied with a plastic bushing and brass tube. The bushing and tube are used to compensate for cable with a small diameter dielectric.

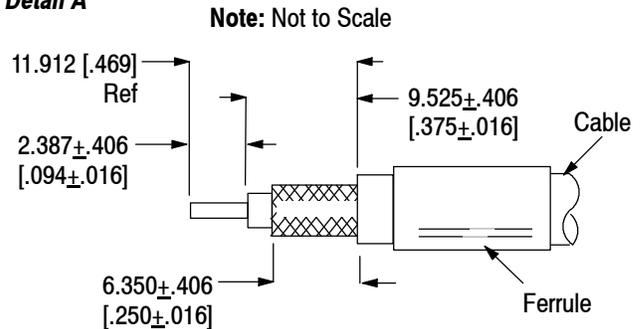
3. ASSEMBLY PROCEDURE

1. Determine the cable type for the application, then select an appropriate connector. Refer to Catalog 82074 for a cross-reference of cable sizes, connector part numbers, and die assembly part numbers for the hand tool.

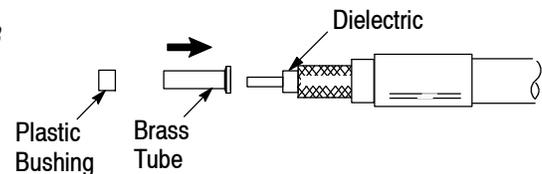
2. Slide the ferrule over the cable end. See Figure 2, Detail A. For the step-down ferrule, make sure that the large diameter end faces the plug body.

3. Strip the cable according to the dimensions given in Figure 2, Detail A.

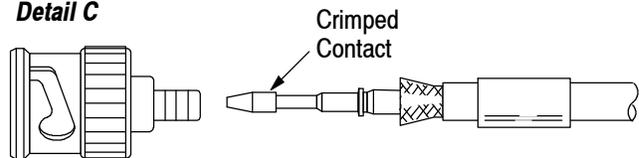
Detail A



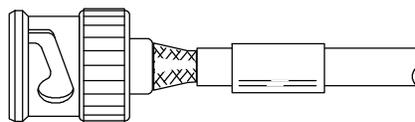
Detail B



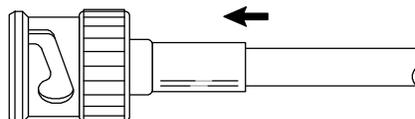
Detail C



Detail D



Detail E



Detail F

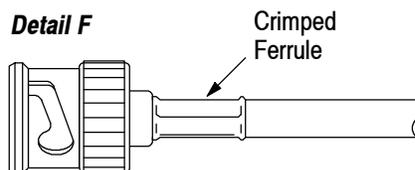


Figure 2

4. For connectors that include the plastic bushing and brass tube, slip the tube (flared end of first) then the bushing over the cable dielectric. See Figure 2, Detail B.

5. Crimp the center contact onto the center conductor of the cable using the appropriate die assembly. See Figure 2, Detail C.

6. Insert the center contact into the plug body with the braid over the support sleeve of the plug body. See Figure 2, Detail D.

7. Slide the ferrule over the cable braid and onto the back (support sleeve) of the plug body. See Figure 2, Detail E.

8. Crimp the ferrule using the appropriate die assembly. See Figure 2, Detail F.

4. REVISION SUMMARY

Revisions to this instruction sheet include:

- Updated document to corporate requirements.