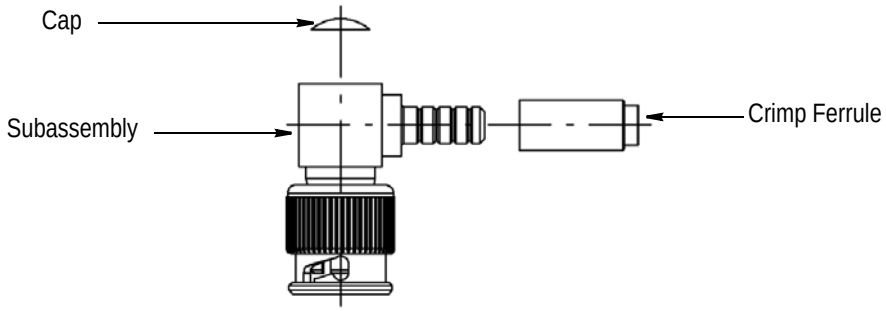
Mini BNC Right-Angle Cable Plug Connectors

Mini BNC Right-Angle Cable Plug Connector



TE PART NUMBER	DESCRIPTION	CABLE
1274566-1, 1274648-1	Mini BNC Right-Angle Cable PlugConnector	735A
1274566-2		734A
1274566-3		RG179

Figure 1

1. INTRODUCTION

This instruction sheet contains the assembly procedure for the Mini BNC Right-Angle Cable Plug Connectors shown in Figure 1. These connectors are solder/crimp-type attachment connectors that attach to the cable listed in Figure 1.

The table in Figure 2 references the crimp tooling used to apply this connector. The table includes tool descriptions, the TE part numbers, and the crimp configurations for the tooling.

DESCRIPTION	TE PART NO.	CRIMP CONFIGURATION FERRULE [HEX]
PRO-CRIMPER* III Hand Tool Frame	354490-1	--
Crimp Die (735A and RG179)	58425-2	.178 [4.52]
Crimp Die (734A)	58425-1	.255 [6.48]

Figure 2

NOTE

Dimension on this sheet are in inches [with millimeters in brackets], unless otherwise specified. Figures are not drawn to scale.

2. DESCRIPTION

Each Mini BNC Right-Angle Cable Plug Connector consists of a subassembly, a crimp ferrule, and a cap. See Figure 1.

3. ASSEMBLY PROCEDURE

1. Slide the crimp ferrule onto the cable.

NOTE

To avoid personal injury, be sure to use appropriate safety equipment, including gloves, when using cable stripping tools.

2. Strip the cable according to the dimensions in Figure 3.

CAUTION

Do NOT damage the cable braid, dielectric, or inner conductor of the cable.

3. Flare the cable braid and push the subassembly over the inner conductor (under the cable braid). See Figure 4.

4. Slide the crimp ferrule back over the cable braid and housing assembly until the inner conductor is positioned in the center contact slot. See Figure 4.

TOOLING ASSISTANCE CENTER 1-800-722-1111
PRODUCT INFORMATION 1-800-522-6752

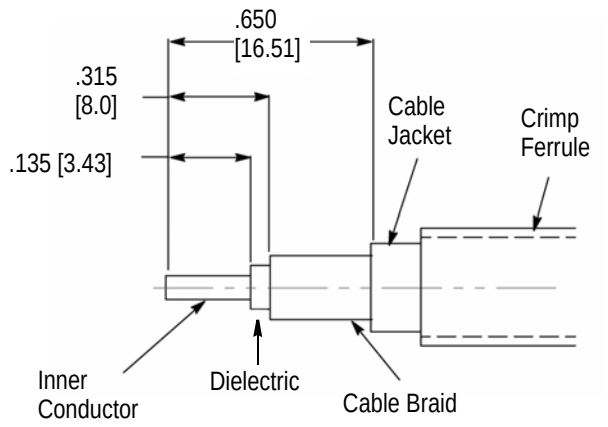


Figure 3

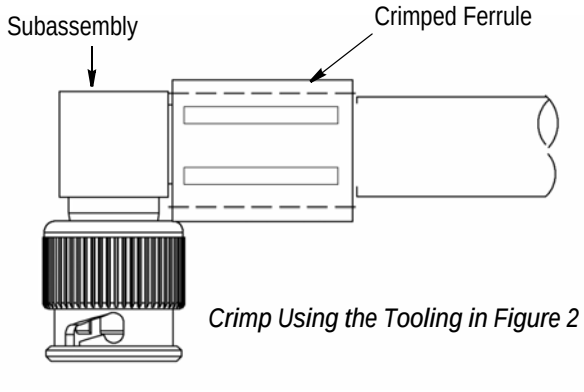


Figure 5

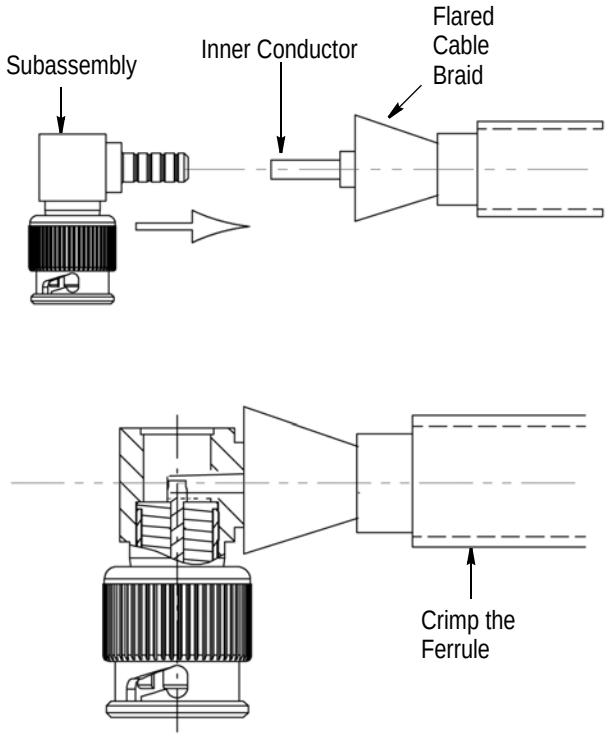


Figure 4

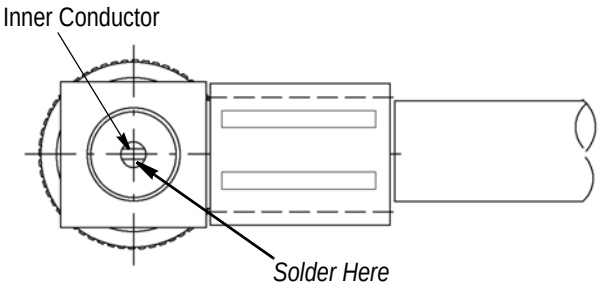


Figure 6

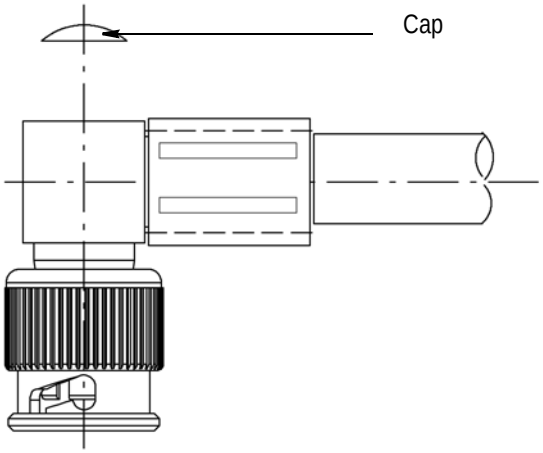


Figure 7

5. Crimp using the tooling listed in Figure 2. See Figure 5.

DANGER

To avoid personal injury, be sure to exercise caution when handling hot soldering equipment.

6. Solder the cable inner conductor to the center contact in the housing assembly. See Figure 6.

7. Place cap in the subassembly as shown in Figure 7. Peen or dimple the cap firmly in place.

4. REVISION SUMMARY

Revisions to this instruction sheet include:

- Changed company name and logo