

1. INTRODUCTION

Use Table 1 or Table 2 to select AMP* series BNC jack connectors and recommended crimping tool or die. Strip the cable to dimensions shown in the table. Refer to the crimping procedure found in the tool instruction sheet listed in the table.

Standard connectors include body, gasket, ferrule, and crimp end.

Weatherproof connectors include body, crimp end, and ferrule.

NOTE

All dimensions on this sheet are in millimeters [with inch equivalents provided in brackets]. Figures and illustrations are for identification only and are not drawn to scale.

Refer to Figure 2 for assembling crimp end and connector body.

CAUTION

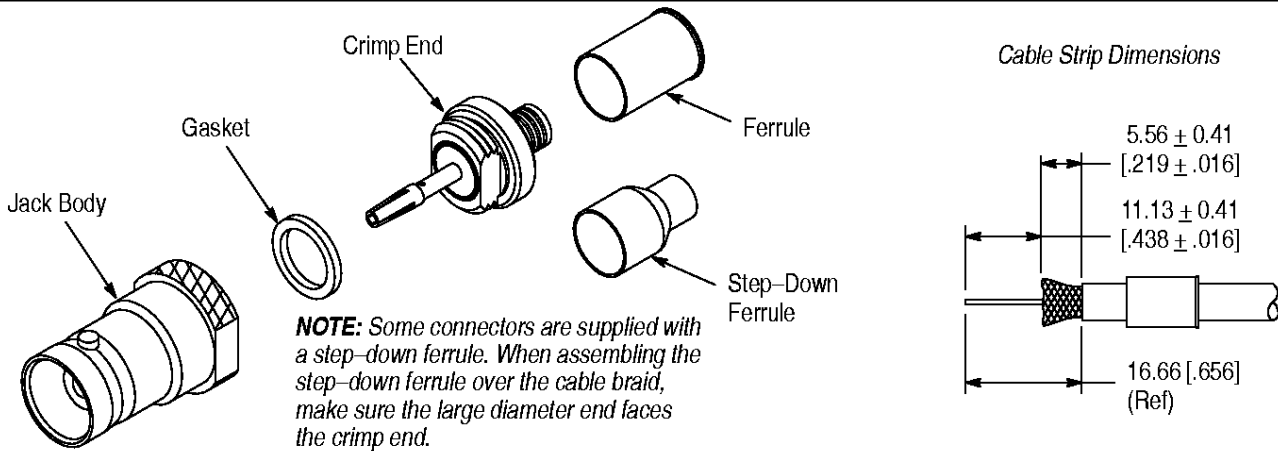
The crimp end should not be assembled to the connector body until the crimp is completed.

Reasons for reissue of this instruction sheet are provided in Section 3, REVISION SUMMARY.

2. CRIMP END ASSEMBLY

- Slip the ferrule on the cable, then strip the cable and flare the braid.
- Insert the stripped conductor into the center contact on crimp end. Twist the crimp end slightly to ease entry of wire.
- Push the crimp end back under the braid so that the braid passes over and around the support sleeve. Apply sufficient pressure to cause the cable dielectric to bottom against the dielectric of the crimp end. Refer to Figure 1. Twist the crimp end slightly to ensure bottoming.
- Slide the ferrule forward and over the braid on the crimp end as far as it will go. Crimp the ferrule and the contact portion simultaneously with the appropriate crimping tool. See Table 1 or Table 2 for the appropriate crimp tool.

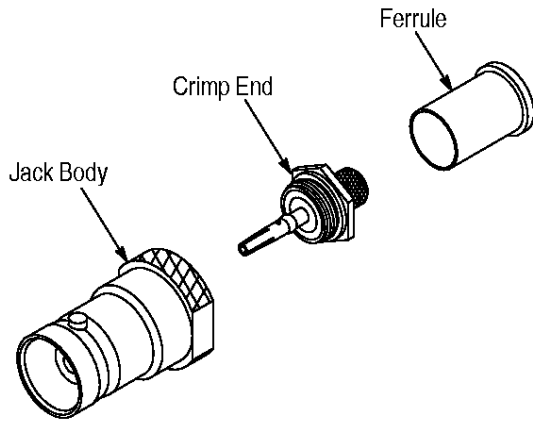
STANDARD TYPE BNC JACKS



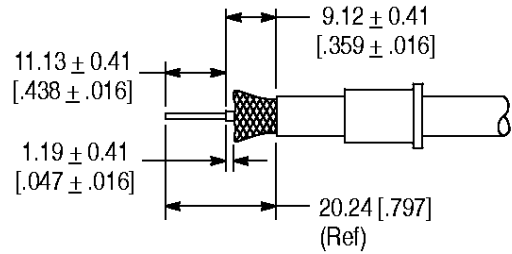
CABLE (RG/U Coaxial Cable Manufactured in Accordance with MIL-C-17D)	PART NUMBER Silver Plated (Polypropylene Dielectric)	PART NUMBER Silver Plated (TEFLON● Dielectric)	CRIMPING TOOL		CRIMPING DIES FOR TOOL 69710-1	
			Part Number	Instruction Sheet	Part Number	Instruction Sheet
58, 58A, 58B, 58C	—	2-329545-1	69140-1	408-2340	69223-1	408-2496
59, 59A, 59B, 62, 62A, 62B, 124, 140, 210	2-329063-1	2-329549-1	69141-1	408-2340	69224-1	408-2496
55, 55A, 55B, 223	—	2-329452-2	69140-2	408-2340	69424	408-2496
174, 188	—	2-330062-1	69245-1	408-2340	69422	408-2496
142, 142A, 142B	—	2-329452-2	69331-1	408-2340	69429-1	408-2496

Table 1

WEATHERPROOF BNC JACKS



Cable Strip Dimensions



CABLE	PART NUMBER (TEFLON Dielectric)	CRIMPING TOOL		CRIMPING DIES FOR TOOL 69710-1	
		Part Number	Instruction Sheet	Part Number	Instruction Sheet
58, 58A, 58B	330885	69376-3	408-2349	69815	408-2610
58C	330885	69376-1 or 69376-3	408-2349	69493 or 69815	408-2610

Table 2

Typical Assembly Procedure

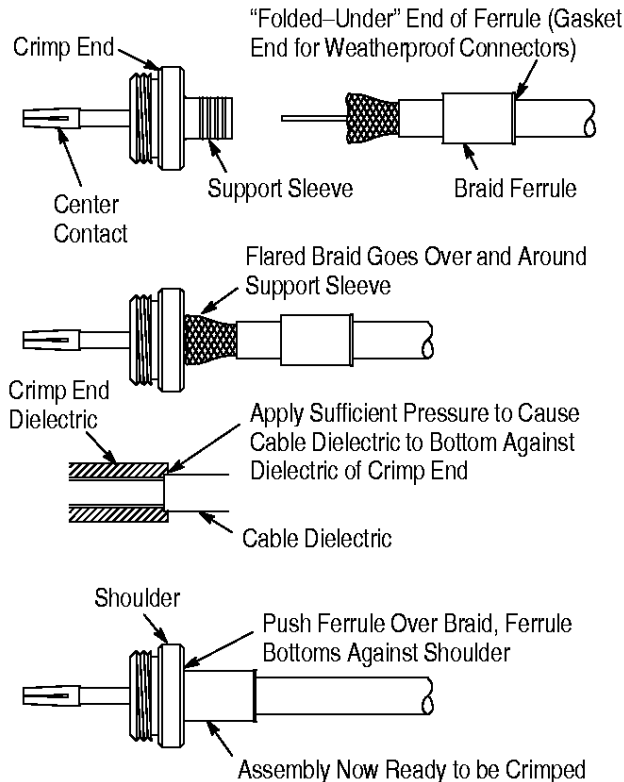


Figure 1

5. Assemble the crimp end into the connector body as shown in Figure 2, *after* the ferrule and contact portion is crimped.

6. Use a wrench on the flats to tighten. A torque of 1.69 to 2.26 N•m [15 to 20 in.-lb] is suggested.

Assembly of Typical Crimp End to Connector Body

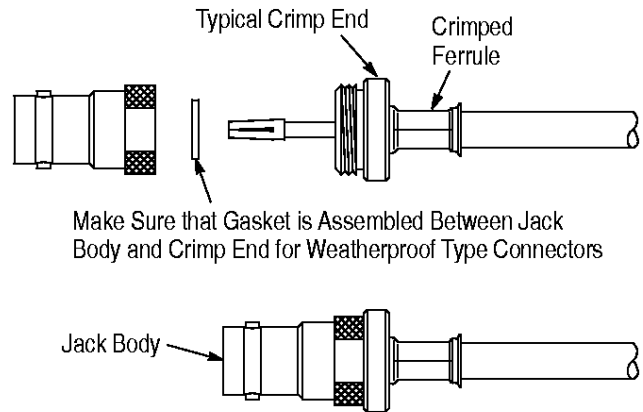


Figure 2

3. REVISION SUMMARY

Since the previous release of this sheet, the following changes were made:

Per EC 0990-0793-98

- Removed obsolete part numbers in Table 1 and Table 2
- Added step-down ferrule to Table 1