

75 OHM CABLE (TV SYSTEMS) SERIES "F" ADAPTERS

IS 1900					
RELEASED	11-8-63				
REVISED	7—1—77				

CABLE NO.	PLUG NO.	RECEPT. NO.	GROUNDING BLOCK NO.	STRIPPING LENGTH	FERRULE NO.	TOOL NO.
RG 59/U	330702	F-61 & 81 (JERROLD)	331627	USE FIG. I	331015	6947 4- 1 69 3 79†
BELDEN 8281, W.E. 3049 & 724	2-330702-1			USE FIG, 2	331256	69474

▲ FERRULE PART NUMBERS ARE SHOWN FOR REFERENCE ONLY, FERRULES ARE INCLUDED WITH PLUG ASSY. † OBSOLETE - REPLACED BY TOOL NO. 69474-1

I. WIRE STRIPPING

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- (a) Slide Braid Ferrule on Wire. See Figures 1 and 2.
- (b) After Ferrule has been placed on Wire, strip Wire, then flare Braid slightly.
- (c) See Selection Chart for wire stripping reference.

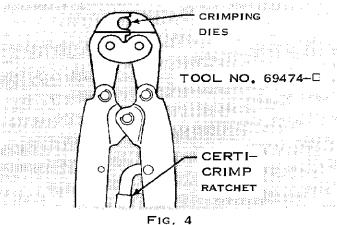
2. ASSEMBLY PROCEDURE

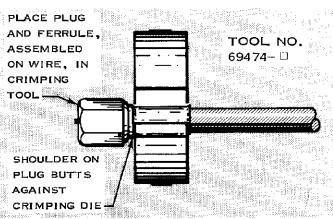
(a) Hold Ferrule in place and insert stripped Conductor into Plug. Braid passes over and around Support Sleeve of Plug. Braid must not slide over Rubber Gasket. See Figure 3.

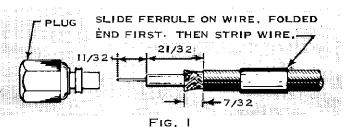
(b) Push Ferrule forward over Braid and Support Sleeve. Plug is now ready to be crimped.

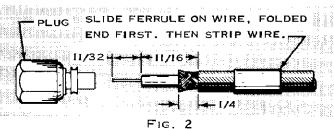
3. CRIMPING PROCEDURE

- (a) To open Tool Handles, close Handles until CERTI-CRIMP* Ratchet releases. Note that once Ratchet is engaged, Handles cannot be opened until they are fully closed.
- (b) Place Plug and Ferrule, assembled on Wire, in Crimping Dies as shown in Figures 5 and 7.
- (c) Shoulder on Plug butts against Crimping Die.
- (d) Hold Assembly in place and complete crimp by closing Handles until CERTI-CRIMP Ratchet releases. Handles will open automatically.





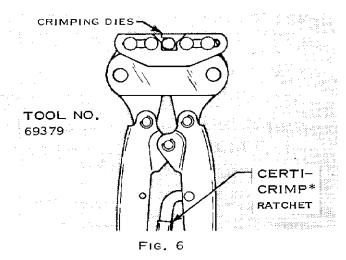


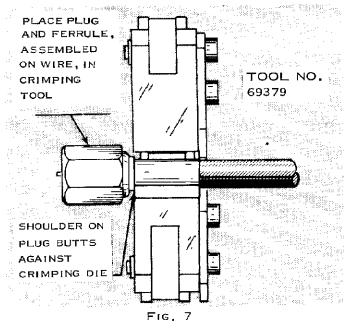


INSERT CONDUCTOR BRAID MUST NOT INTO PLUG SLIDE OVER GASKET BRAID PASSES OVER AND AROUND SUPPORT SLEEVE OF PLUG PUSH FERRULE FORWARD OVER BRAID AND AGAINST PLUG

Fig. 3

Fig. 5





- (e) Remove crimped Assembly from Crimping Dies.
- (f) Note that a bell shaped Rim is formed on the folded end of Ferrule after crimping. To form a permanent seal on this end of Ferrule, reposition Ferrule in Tool as shown in Figure 8 and make a second crimp over end of Ferrule.

4. GROUNDING BLOCK

- (a) Mount Block to Panel as required. Grounding Block No. 331627 mates with both Plugs listed in Selection Chart.
- (b) Thread Plug onto Receptacle on Block.
- (c) Strip Ground Wire Insulation 1/4", then insert Wire into hole in bottom of Block as shown in Figure 9. Tighten screw on front of Block to secure Ground Wire.

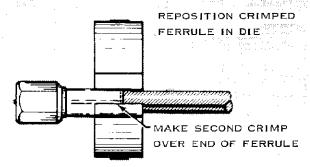


Fig. 8

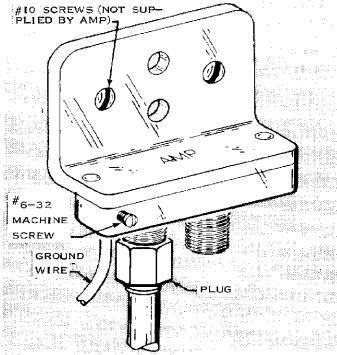


Fig. 9