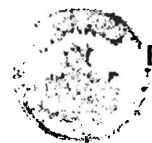


INSTALLATION INSTRUCTIONS

TYPE 41 SERIES CONNECTORS
FOR FHJ1-50 HELIAX® CABLE



ANDREW



BULLETIN 17792F

TOOLS AND MATERIALS REQUIRED FOR ASSEMBLY

Tape	Scale, 6 in. (150 mm)	File, flat
Knife	Wrenches (1) 9/16 in.	Wire brush, small
Solvent, comothene, vythene or other non-flammable cleaning fluid	(1) 11/16 in.	

READ THE INSTRUCTIONS THOROUGHLY BEFORE ASSEMBLY

STEP 1. Cut cable as shown in Figure 1. Cable end must be square. Use straight-edged piece of paper to guide jacketing cut. Clean outer conductor with solvent. Cut outer conductor and foam. Be careful not to cut inner conductor. Trim foam with sharp knife. Use file to remove burrs. Chamfer end of inner conductor.

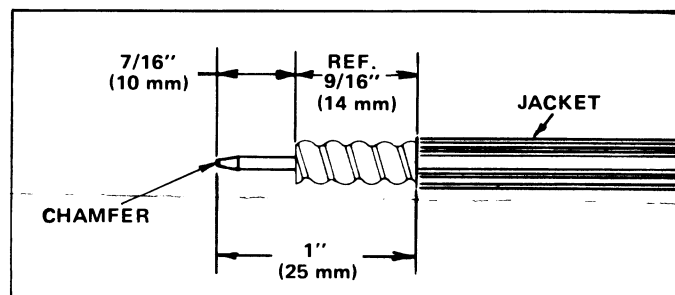


FIGURE 1

STEP 2. Place boot and clamping nut on cable with opening of boot toward cable end. See Figure 2. Secure clamping nut in place with tape, exposing outer conductor to dimension shown. Cut tabs into outer conductor to depth and intervals shown. Use mallet to tap knife. Use clamping nut as stop for knife.

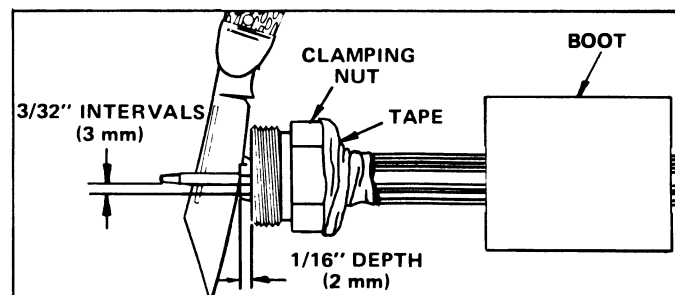


FIGURE 2

STEP 3. Turn tabs up 90 degrees with point of knife as shown in Figure 3. Remove tape from clamping nut.

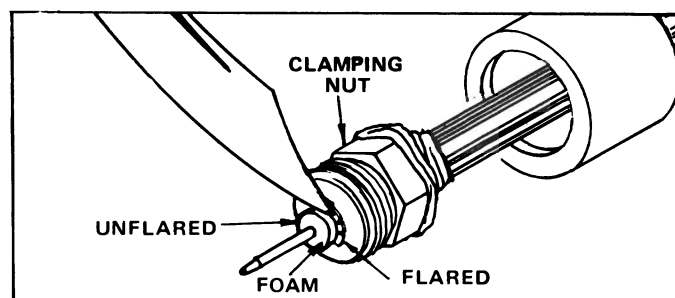


FIGURE 3

Andrew Corporation 10500 W. 153rd St.
Orland Park, IL U.S.A. 60462

Andrew Antenna Company Ltd.
Whitby, Ontario Canada

Andrew Antennas
Lochgelly, Fife, Great Britain

Andrew Antennas
Reservoir, Victoria, Australia

Andrew Antenas Limitada
Sorocaba, SP, Brazil

Antenas Y Peritajes
México, D.F. México

Antennes Andrew S.A.R.L.
Nogent-le-Rotrou, France

Andrew S.R.L.
Milano, Italy

1/77



STEP 4. Trim foam flush with flared outer conductor. Do not cut into inner conductor. See Figure 4. Remove copper particles with small wire brush.

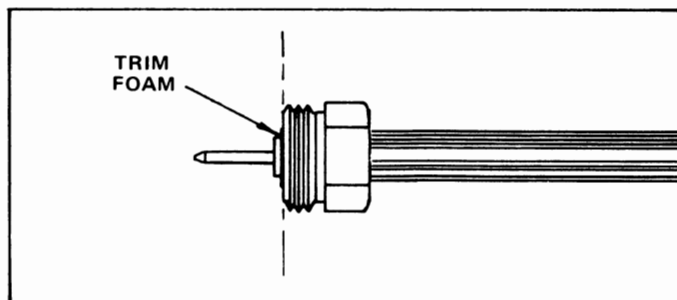


FIGURE 4

STEP 5. Assemble flare ring and outer body to clamping nut. See Figure 5. Tighten to compress flared tabs against clamping nut. Turn outer body only; do not turn clamping nut. Remove outer body to inspect flare for regularity and flatness.

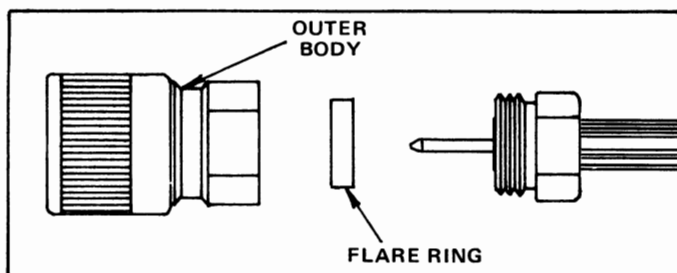


FIGURE 5

STEP 6. Seat inner connector assembly and flare ring into outer body. Refer to Figure 6. Inner assembly must be fully inserted into outer body as indicated by dotted lines.

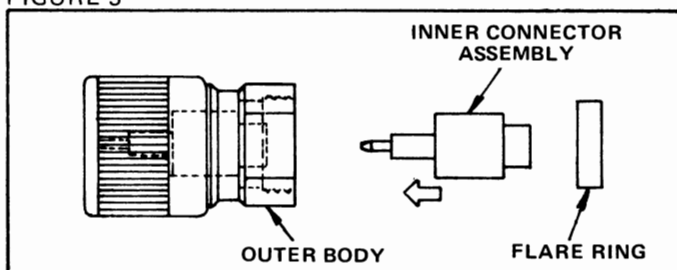


FIGURE 6

STEP 7. Slide outer body onto inner connector and screw it to clamping nut. Tighten connection. Turn outer body only; do not turn clamping nut. See Figure 7.

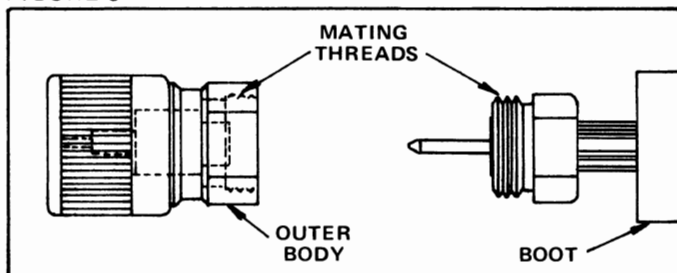


FIGURE 7

STEP 8. Place boot over assembly and seat it in groove of outer body. Refer to assembled connector in Figure 8.

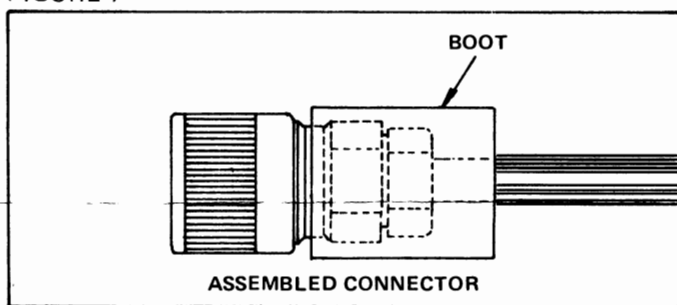


FIGURE 8