

Connectors

for HELIAX® FHJ1-50 and FSJ1-50A
Coaxial Cables



TNC plug



N plug



TNC jack

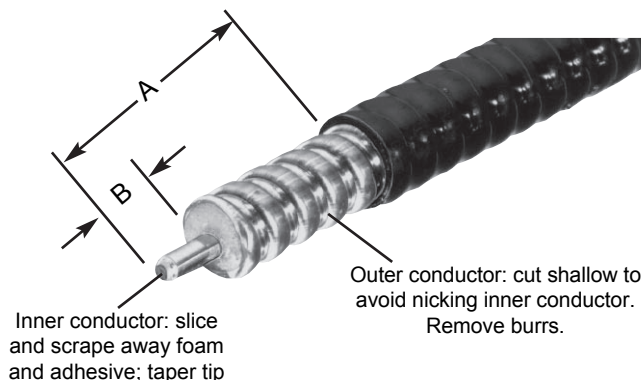


N jack



1

Connector	A in. (mm)	B in. (mm)
TNC plug/jack	7/8 (22)	1/4 (6)
N plug	27/32 (21)	7/32 (5.5)
N jack	31/32 (24.5)	11/32 (9)



Description

These connectors are designed for flaring of the outer conductor of the coaxial cable. The cable inner conductor inserts into the inner connector.

Tools and Materials Required for Assembly

knife

file

brush

heat gun or torch

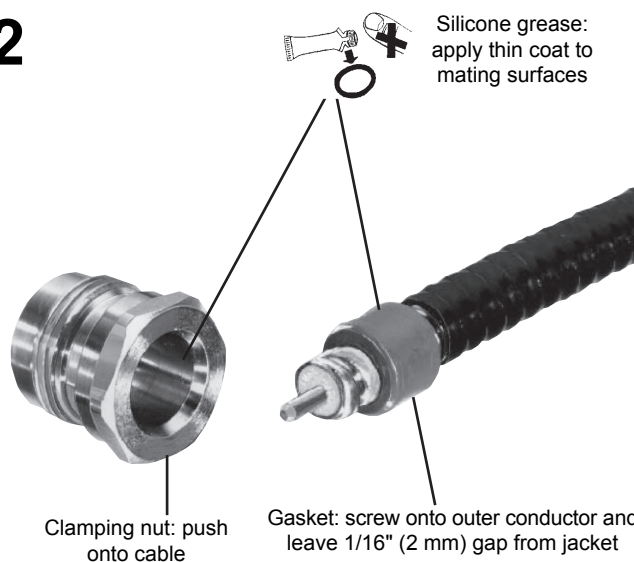
wrenches:

9/16" for TNC plug, 11/16" for TNC jack and N plug, 17/32" for N jack

fine-toothed hacksaw or jeweler's saw

silicone grease (supplied)

2

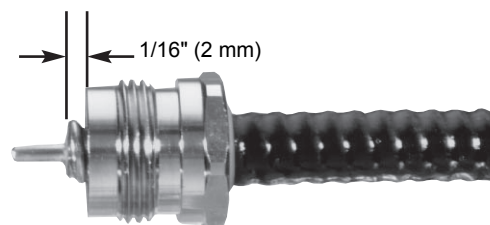


Notice

The installation, maintenance, or removal of antenna systems requires qualified, experienced personnel. Andrew installation instructions have been written for such personnel. Antenna systems should be inspected once a year by qualified personnel to verify proper installation, maintenance, and condition of equipment.

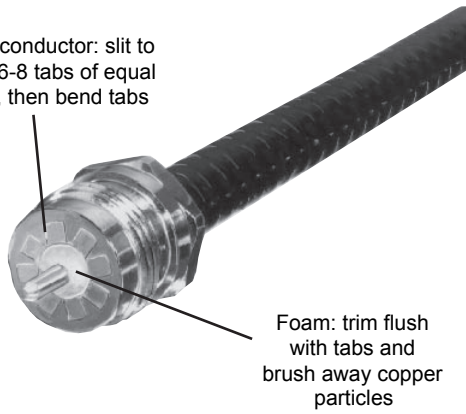
Andrew disclaims any liability or responsibility for the results of improper or unsafe installation practices.

3



4

Outer conductor: slit to make 6-8 tabs of equal width, then bend tabs

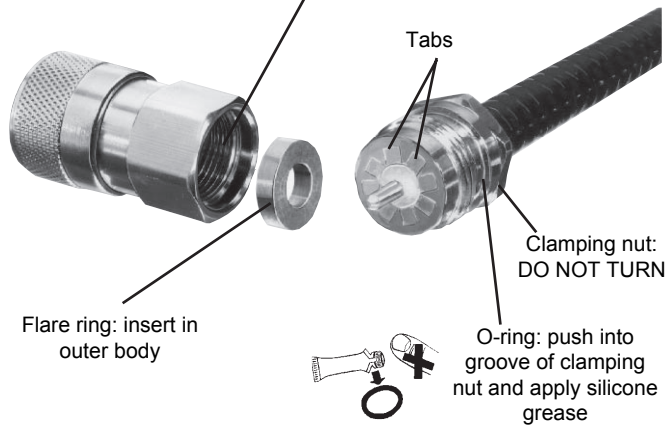


Foam: trim flush with tabs and brush away copper particles

5

for TNC type:

Outer body: turn with wrench to 48 ± 4 lb-in (5.4 ± 0.45 N·m) while holding (not turning) clamping nut



Flare ring: insert in outer body

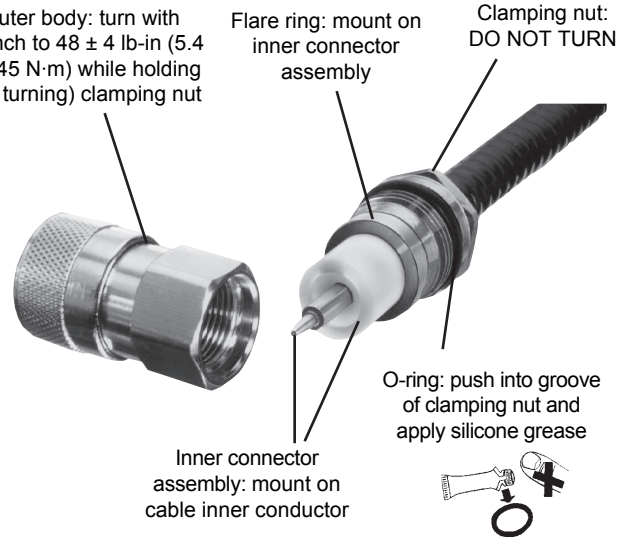
Tabs

Clamping nut: DO NOT TURN

O-ring: push into groove of clamping nut and apply silicone grease

for N type:

Outer body: turn with wrench to 48 ± 4 lb-in (5.4 ± 0.45 N·m) while holding (not turning) clamping nut



Flare ring: mount on inner connector assembly

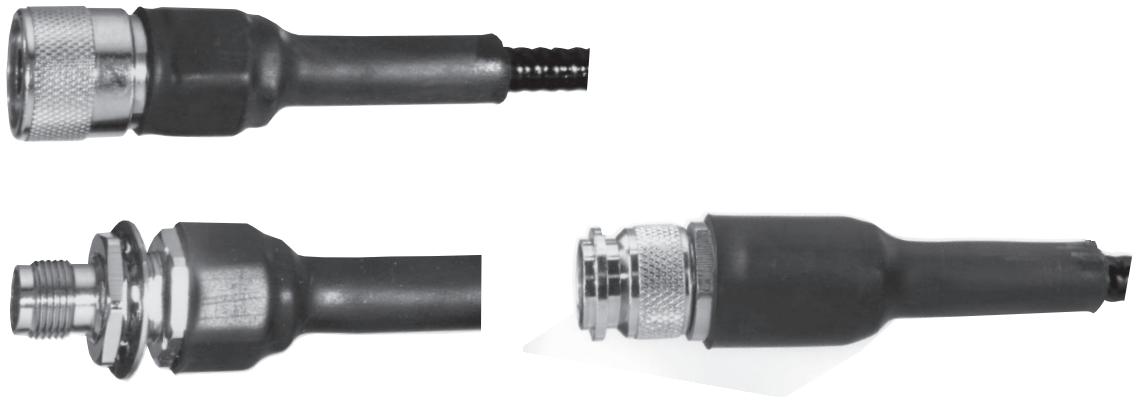
Clamping nut: DO NOT TURN


O-ring: push into groove of clamping nut and apply silicone grease

Inner connector assembly: mount on cable inner conductor

6

Shrink tube: heat uniformly with torch or heat gun



	表一 有毒有害物质或元素名称及含量标识格式					
	有毒有害物质或元素					
部件名称 (Part Name)	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
连接器 (Connector)	X	O	O	O	O	O
O: 表示有毒有害物质在该部件所有的均质材料中的含量均在SJ/T 11363-2006规定的限量要求以下。 X: 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11363-2006规定的限量要求。						



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