

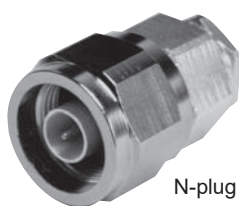
Connectors

for HELIAX® FSJ1-50A Coaxial Cable

Bulletin 37439B Revision E Page 1 of 2



N-plug



N-plug

Description

These connectors are designed for flaring of the outer conductor and soldering of the inner conductor to the inner conductor of the coaxial cable.

Tools and Materials Required for Assembly

Knife	Wrenches: 9/16", 11/16", and
Flat file	13/16" (hex coupling nut)
Wire brush	Fine-toothed hacksaw or
Silicone grease (supplied)	jeweler's saw
Spacing gauge (supplied)	Soldering iron, min. 150 W:
Damp cloth	a resistance-type iron is recom-
Garnet cloth, 240	mended when soldering in low-
grit or finer	temperature environments
	Solder, 63/37 RMA flux core

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.

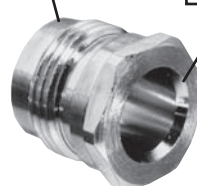
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Clamping nut:
push onto cable



Silicone grease:
apply thin coat to
mating surfaces



Gasket: screw onto outer
conductor and leave 1/16"
(2 mm) gap from jacket

3

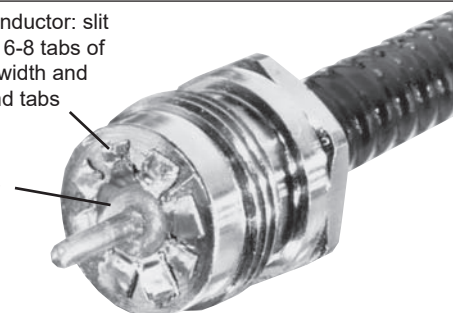
1/16"
(2 mm)



4

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

Foam: trim flush with
tabs and brush away
copper particles



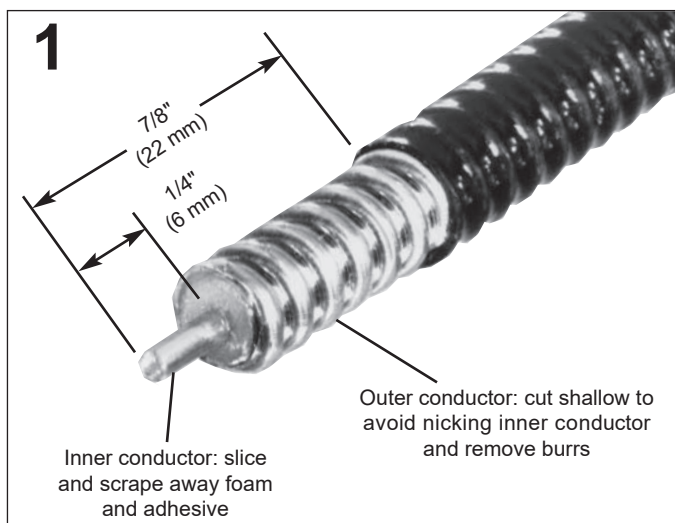
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7/8"
(22 mm)

1/4"
(6 mm)

Inner conductor: slice
and scrape away foam
and adhesive

Outer conductor: cut shallow to
avoid nicking inner conductor
and remove burrs

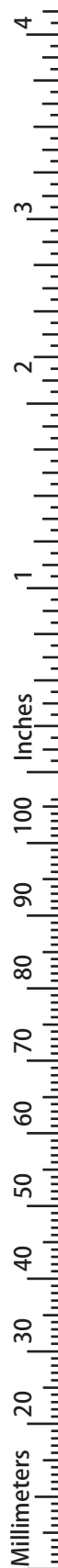
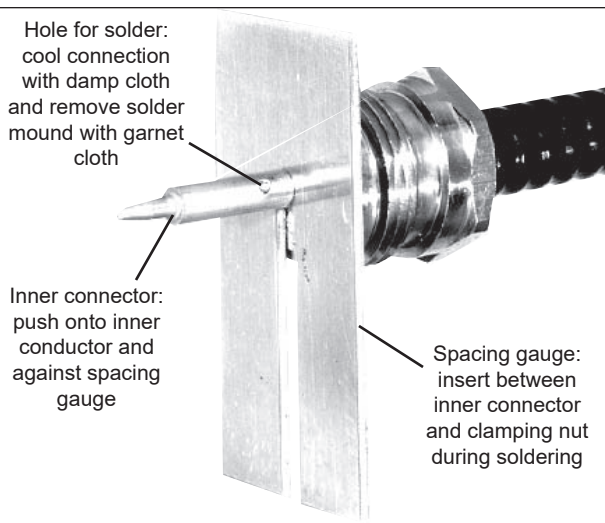


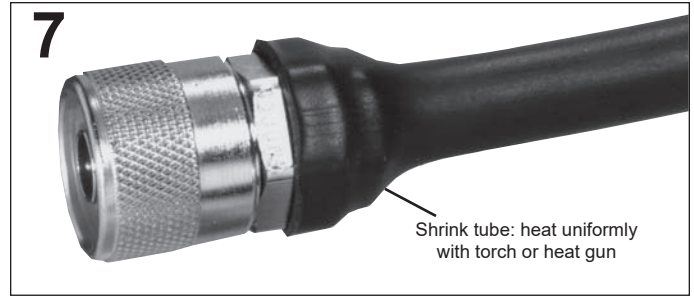
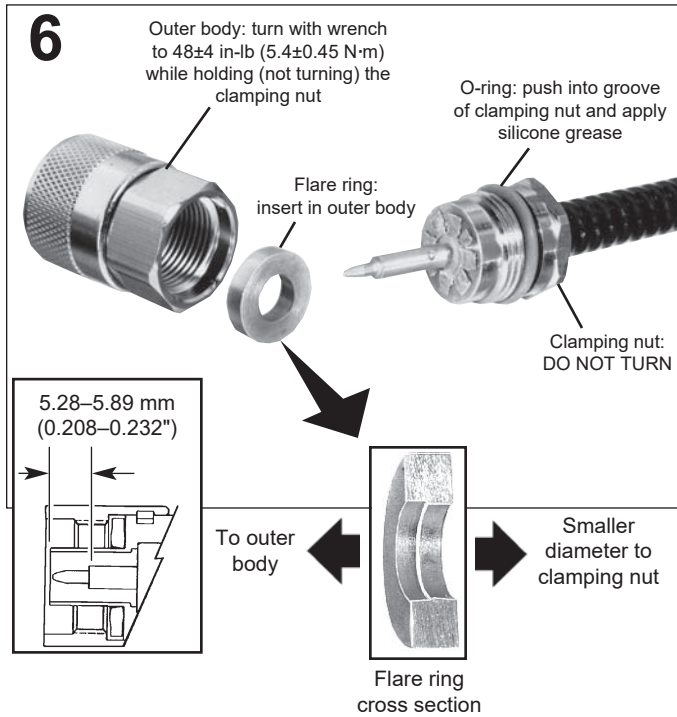
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Hole for solder:
cool connection
with damp cloth
and remove solder
mound with garnet
cloth

Inner connector:
push onto inner
conductor and
against spacing
gauge

Spacing gauge:
insert between
inner connector
and clamping nut
during soldering





	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 if attached)	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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