Quick User Guide

½” Corrugated Coax – Termination Instructions

Note to Field Technician: It is extremely important that you follow these steps closely for a perfect termination. Spending the few extra seconds to ensure this is done correctly will save you lots of time, money and frustration in trying to find a compromised termination during the commissioning and optimization process of the DAS.

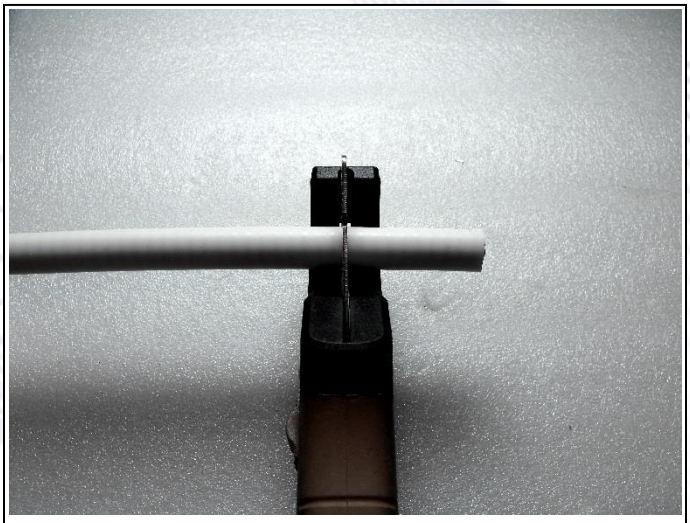
It is **MANDITORY** that frequency return loss testing be completed on ALL cables made in the field and the test results documented. A benchmark of no less than 20dB must be achieved across all frequency bands.

215 Celebration Place
Kissimmee FL 34747
Suite 190

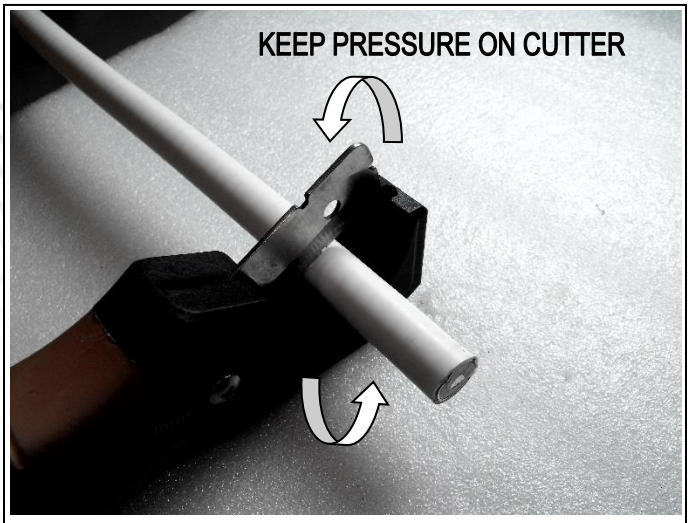
DUNS Number: 005013494
NCAGE Code: 561L1

Dennison Jurawan ~ Technical Sales Manager
Email: sales@jdteck.com
Tel: 321-939-3816
Fax: 321-939-3819

Tools required for this process. Approximate time to complete termination: **2 mins.**

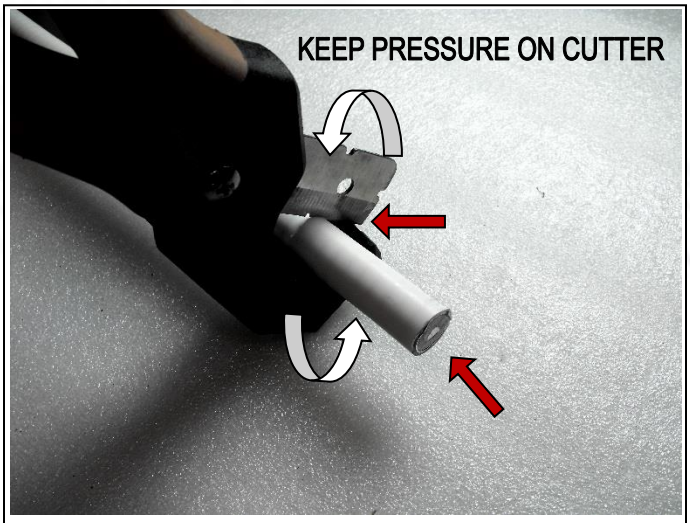


Use cable cutter to cut cable to appropriate length.



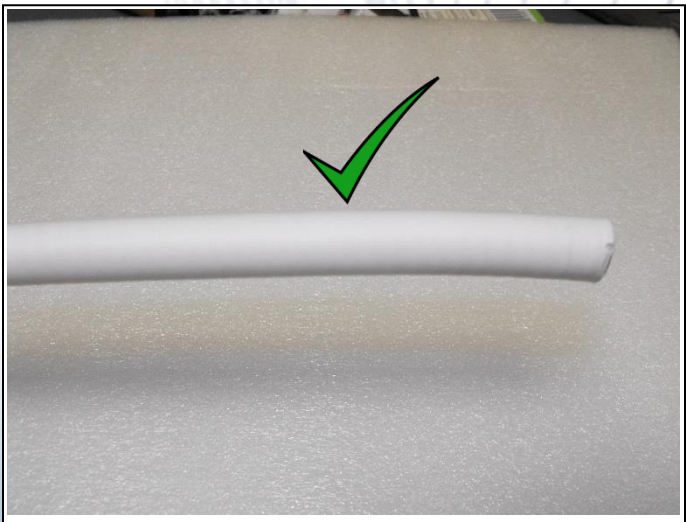
Apply pressure to cutter, but not too much.

As you continue to squeeze, move hand back & forth.

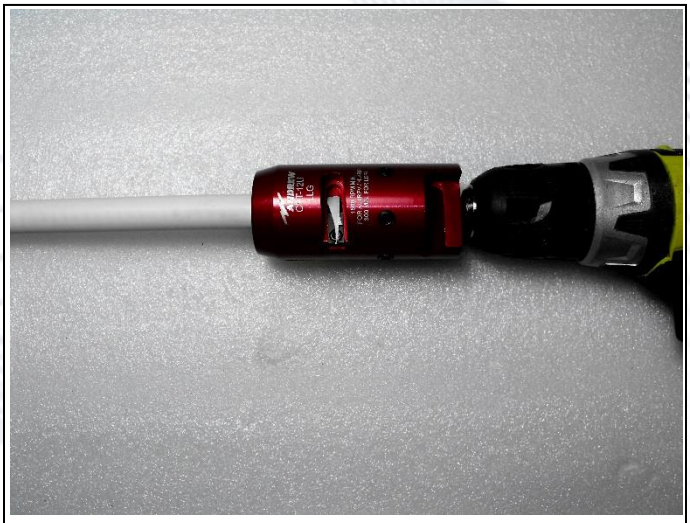


Try to move as much as 90 degrees for a clean circular cut.

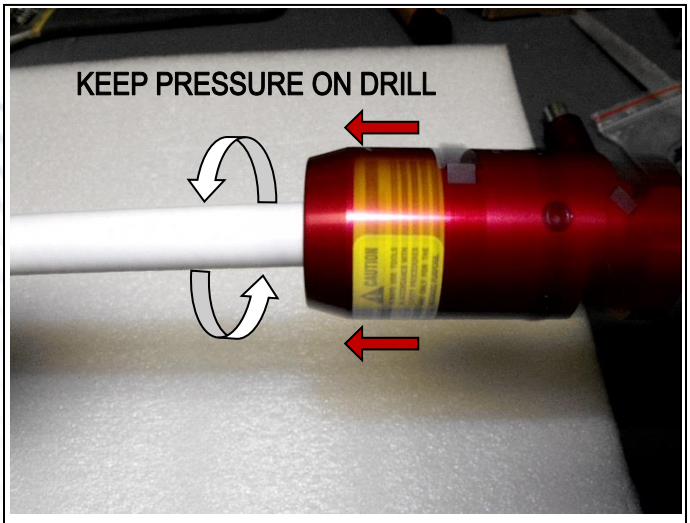
If coax is bent, please straighten.



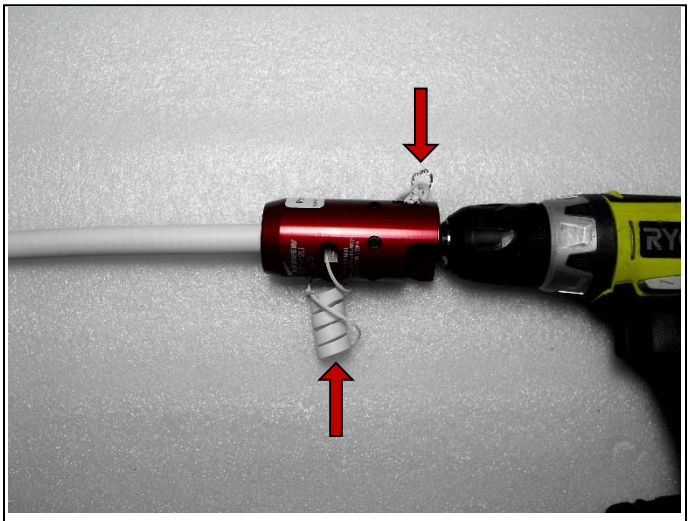
Do not attempt to strip coax while bent.



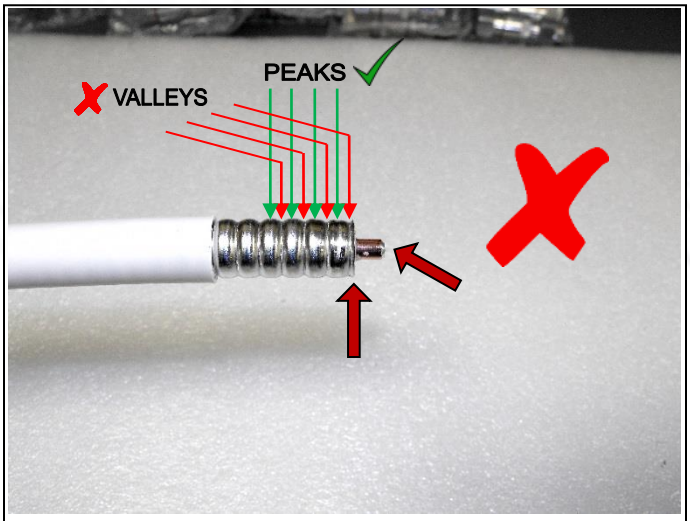
Use tool to prep cable.



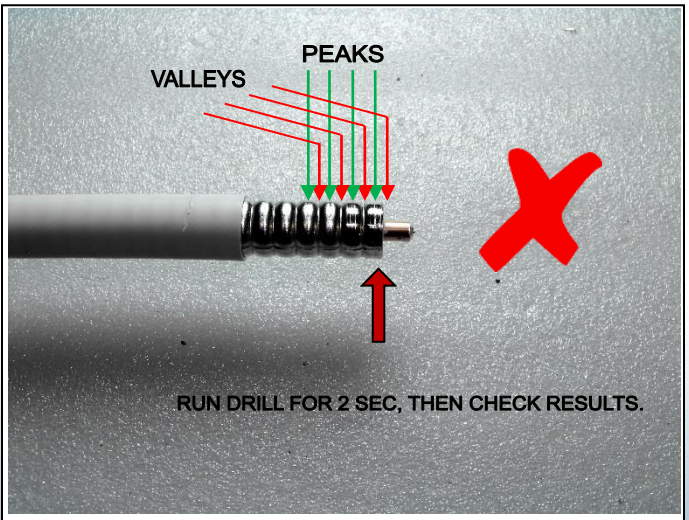
Use drill at **HIGH SPEED** (Not slowly). Apply pressure.



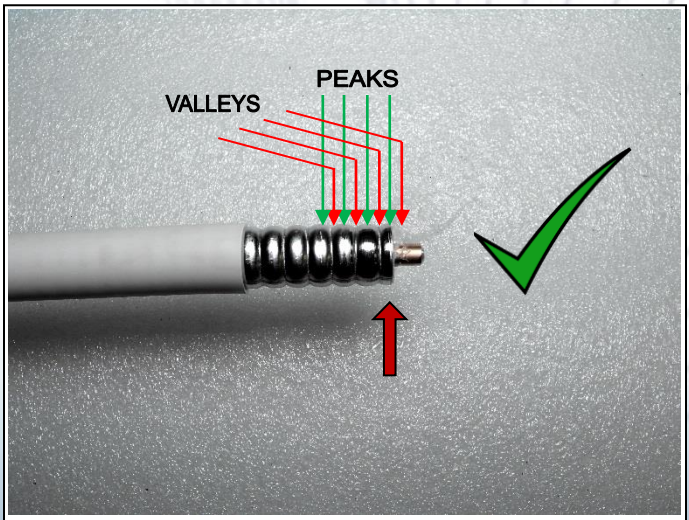
You should see excess material exiting tool as you drill.



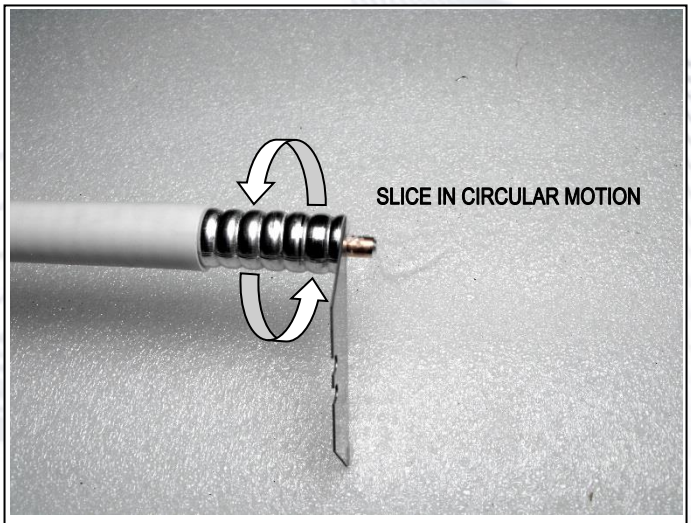
Run for about **2-3 secs** then **STOP** to check results.



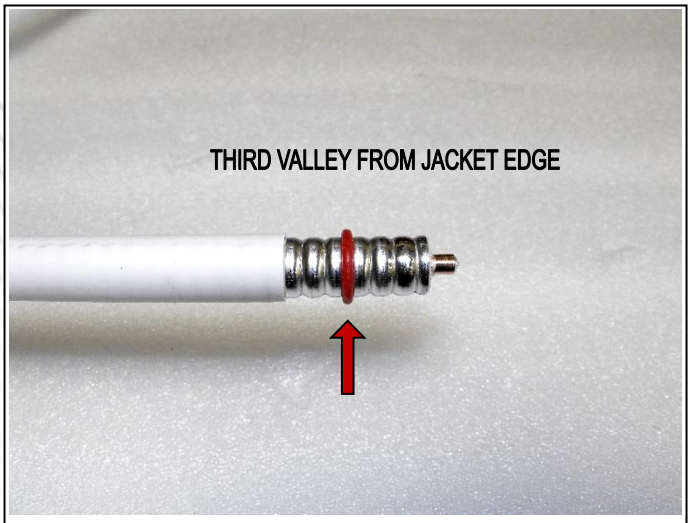
Your cut **MUST** be **center-line** of a peak.



Center-line of a peak will ensure a perfect termination.

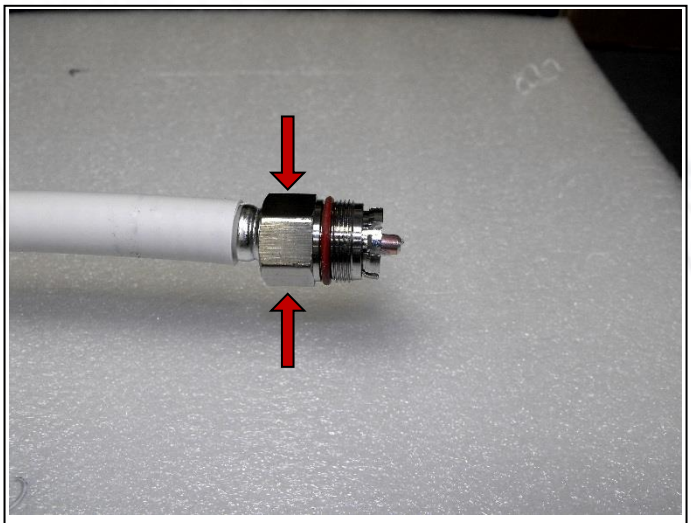


Use blade remove excess dielectric. **DO NOT SCRAPE!**

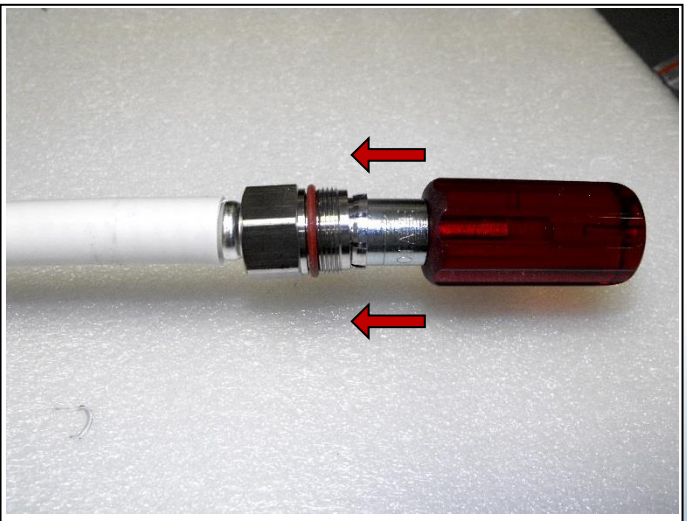


Slide on O-Ring supplied with connector.

Place small drop of oil on O-Ring. **DO NOT USE FINGERS!**

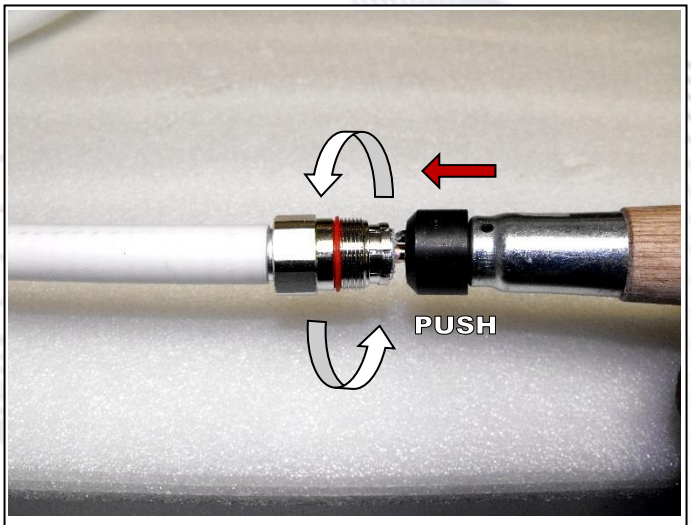


Hold nut of connector and slide on over O-ring.

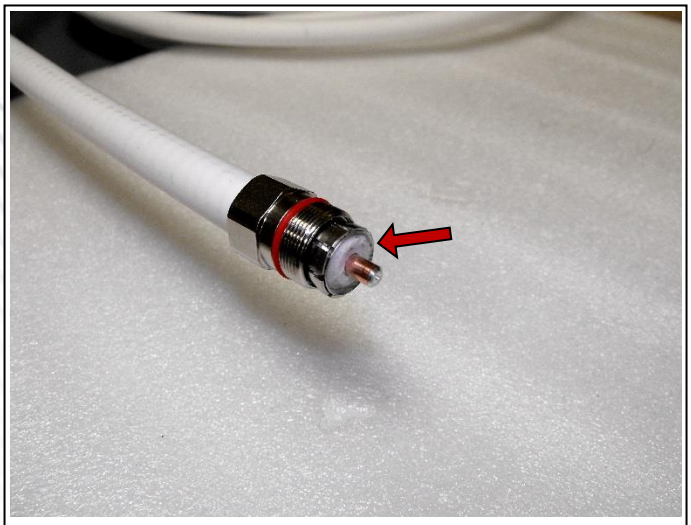


Tool may be used to help get connector on cable.

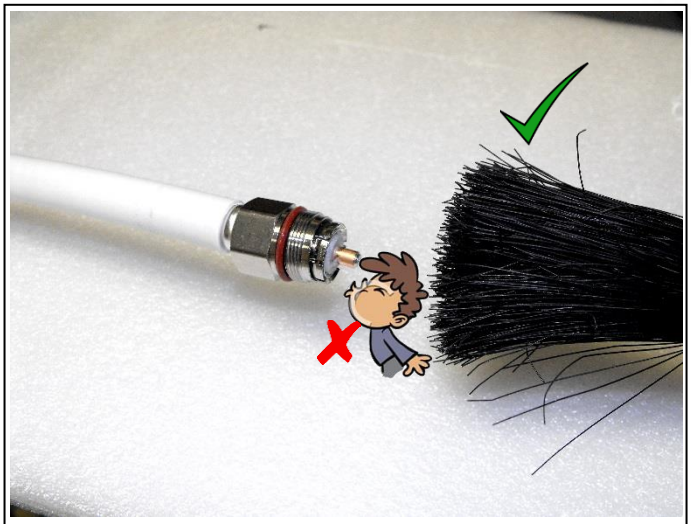
DO NOT PUSH connector too hard.



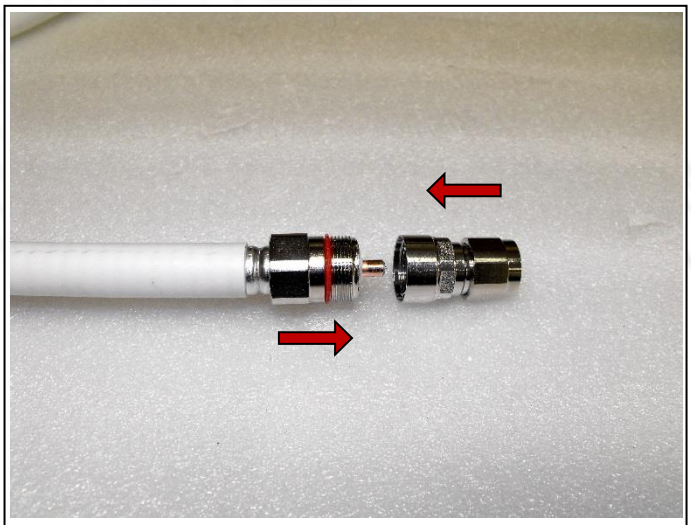
Use flaring tool on cable after connector is in place.



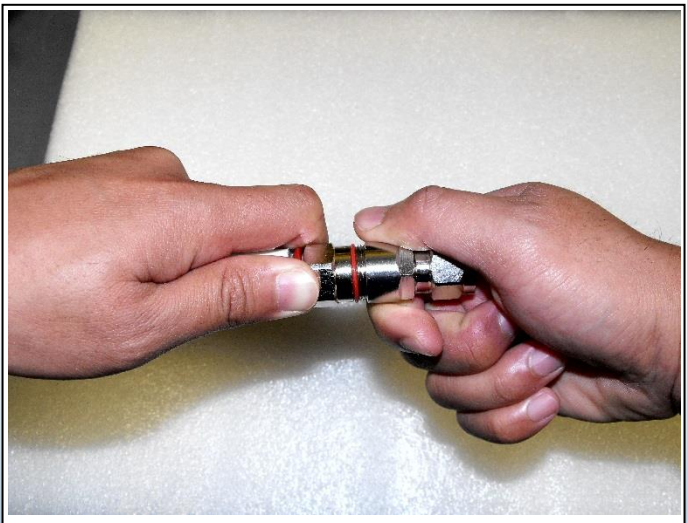
A good flare will have both sleeve and shield aligned.



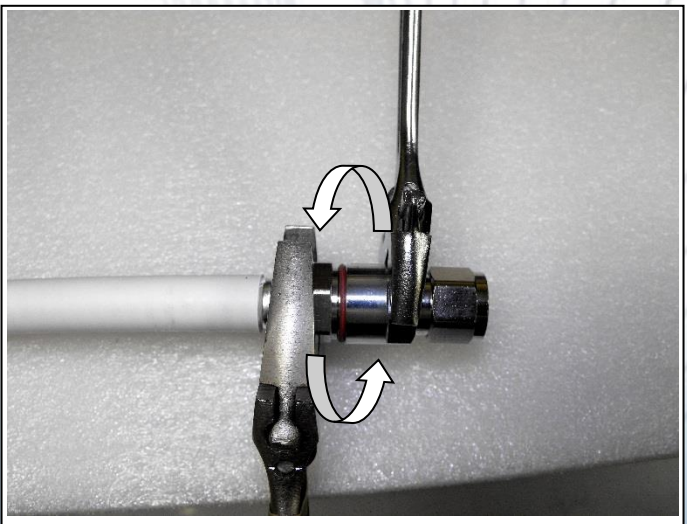
Use brush to clean off shavings. **DO NOT BLOW** on it.



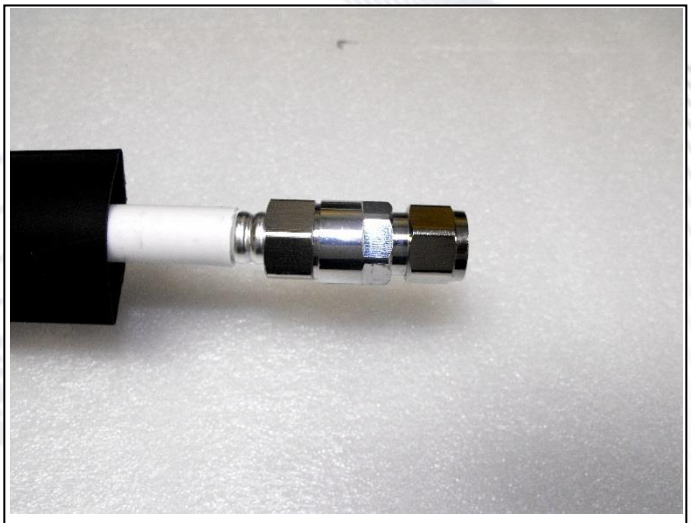
Align connector halves together.



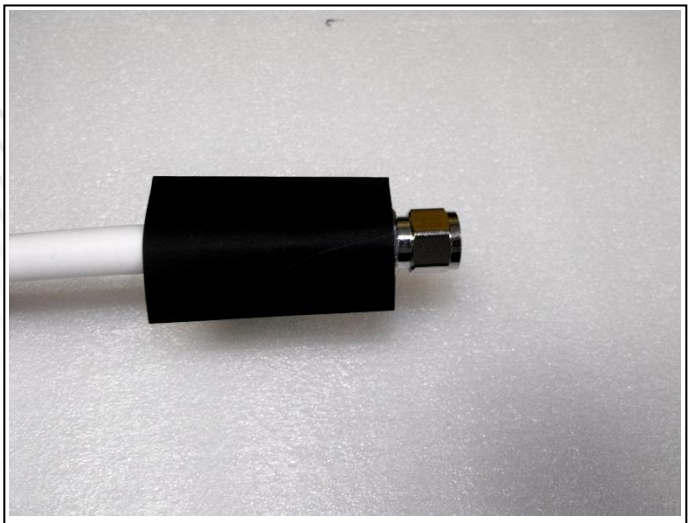
Tighten connector with hand till snug.



Use wrenches to tighten properly.



Examine connector to make sure it’s a solid connection.



Slide up heat shrink supplied with connector.

Apply heat from heat gun.

Use test equipment to verify return loss benchmark. >20dB