



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 **MANDATORY** 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.

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Kissimmee FL 34747
Suite 190

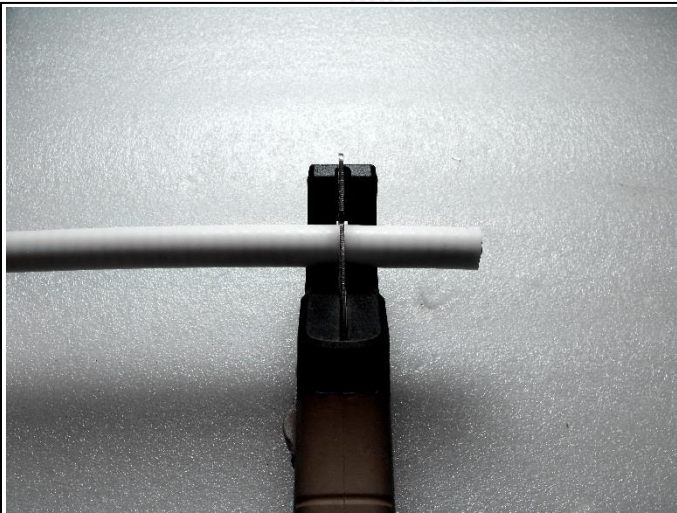
DUNS Number: 005013494
NCAGE Code: 561L1

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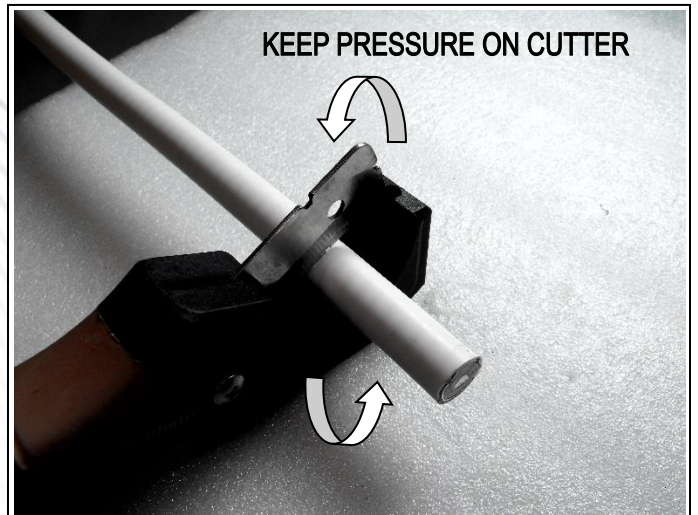




Tools required for this process. Approximate time to complete termination: **2 mins.**



Use cable cutter to cut cable to appropriate length.



Apply pressure to cutter, but not too much.



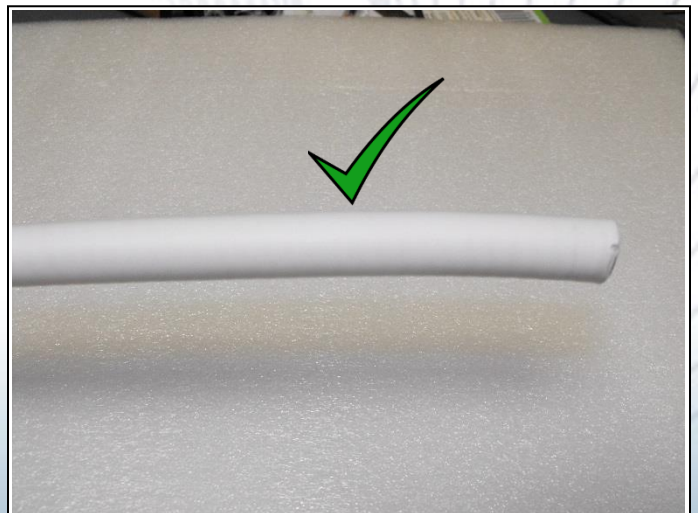
As you continue to squeeze, move hand back & forth.



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



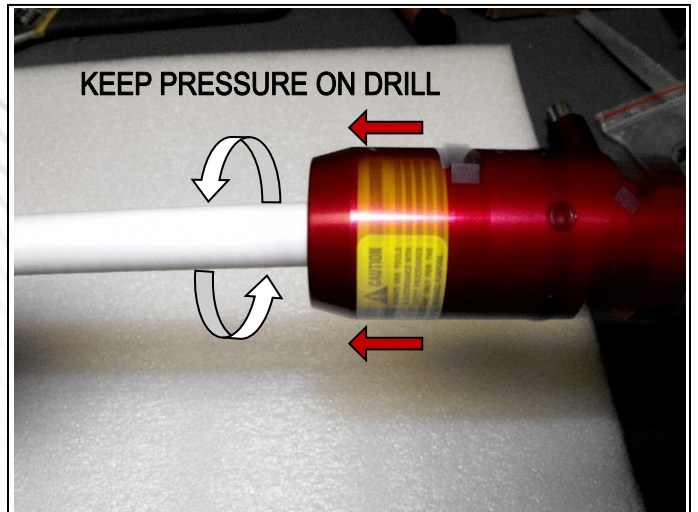
If coax is bent, please straighten.



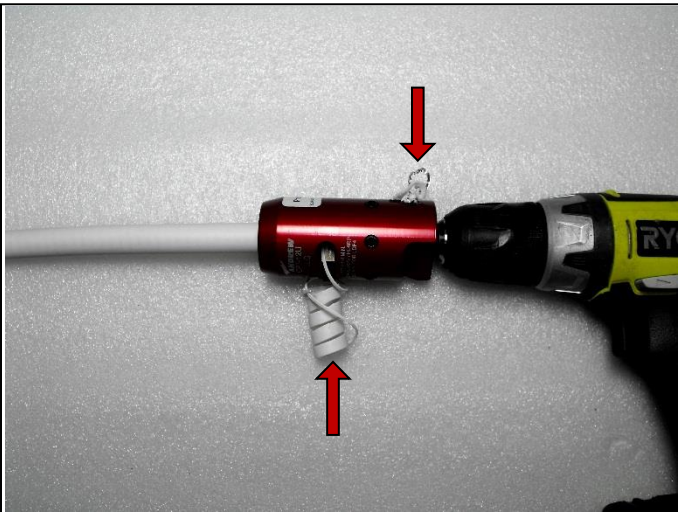
Do not attempt to strip coax while bent.



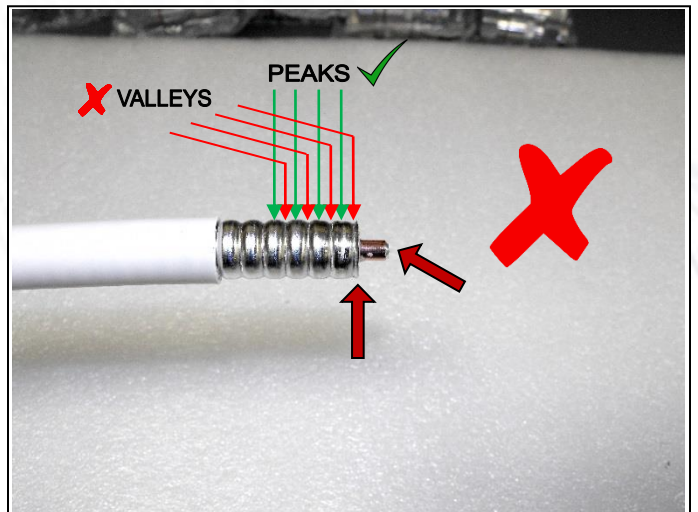
Use tool to prep cable.



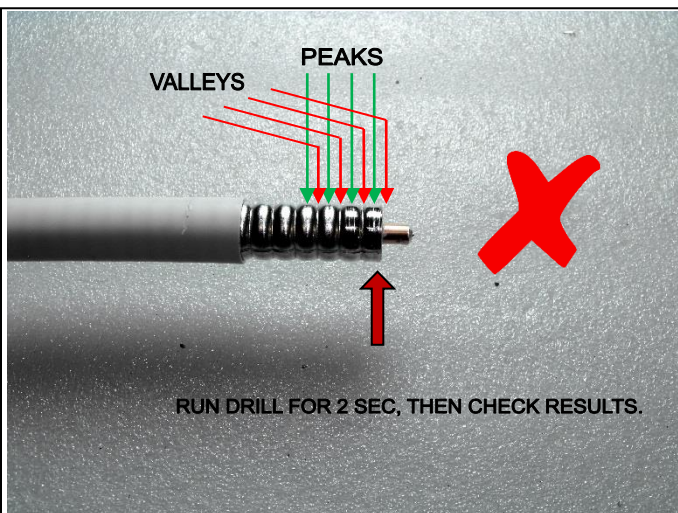
Use drill at **HIGH SPEED** (Not slowly). Apply pressure.



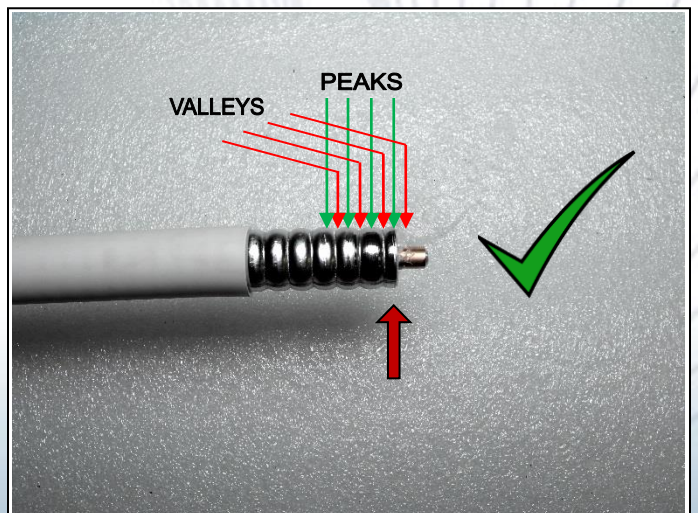
You should see excess material exiting tool as you drill.



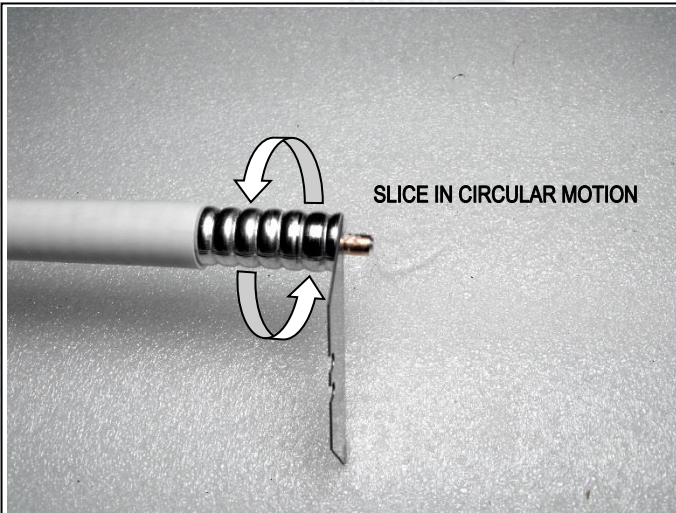
Run for about **2-3 secs** then **STOP** to check results.



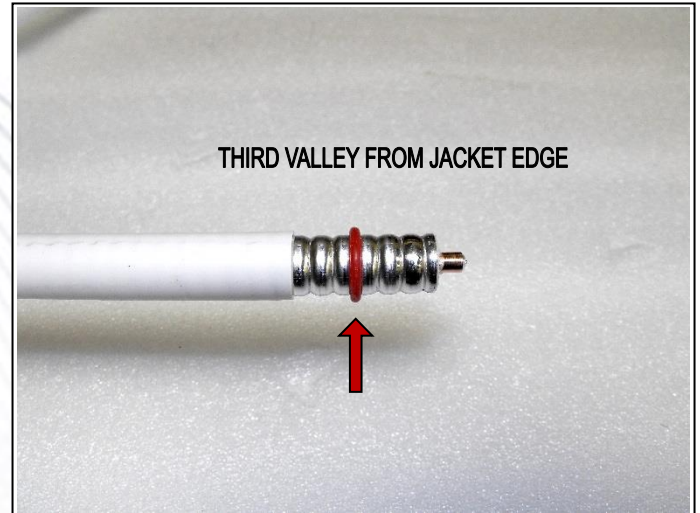
Your cut **MUST** be **center-line** of a peak.



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



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

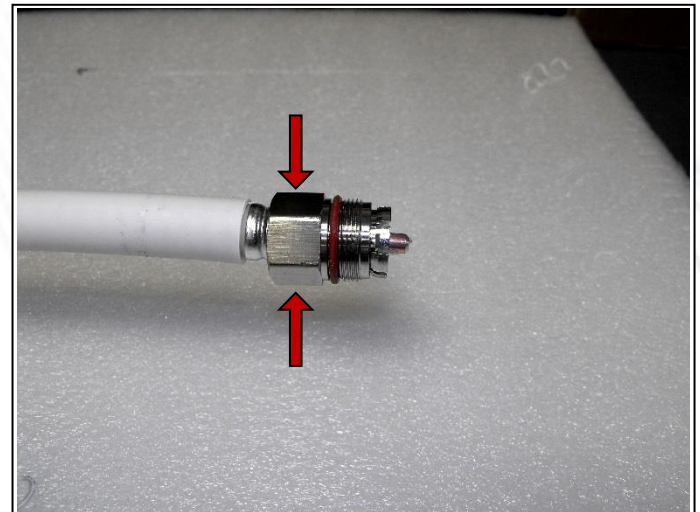


Slide on O-Ring supplied with connector.

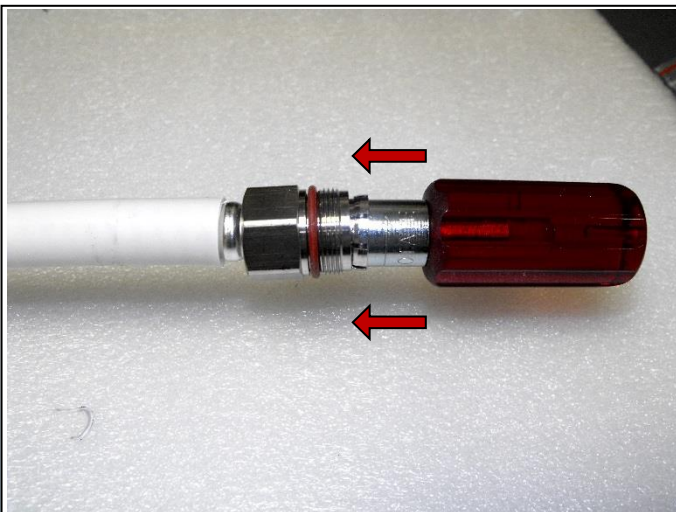


DO NOT GET OIL ON HANDS OR CENTER CONDUCTOR

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



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

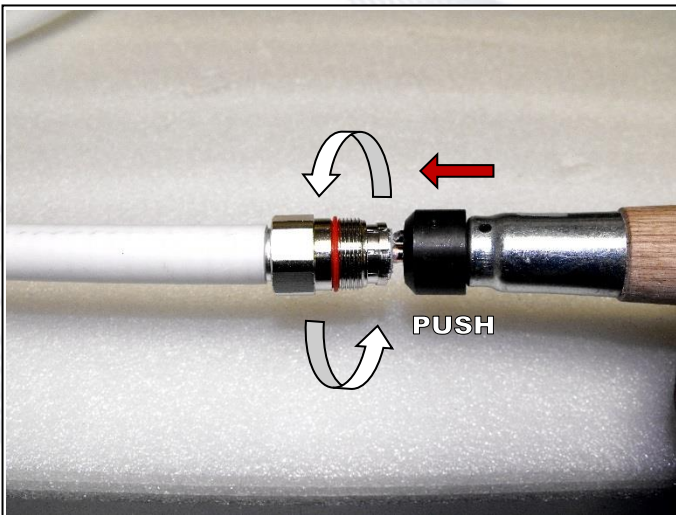


Tool may be used to help get connector on cable.



CONNECTOR SLEEVE SHOULD BE IN 1st VALLEY

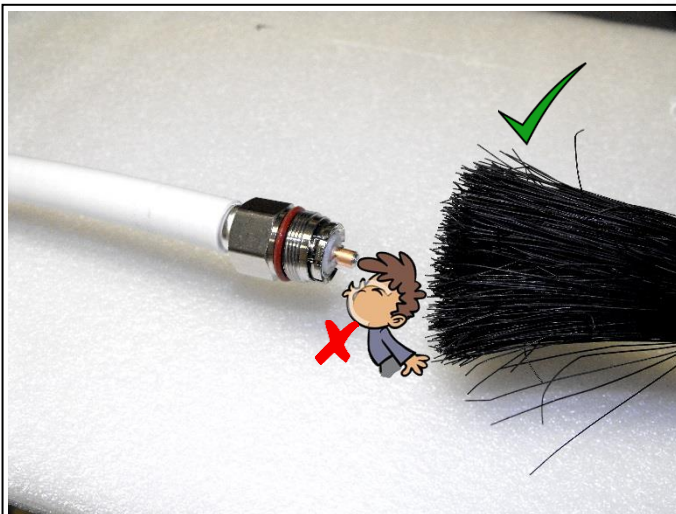
DO NOT PUSH connector too hard.



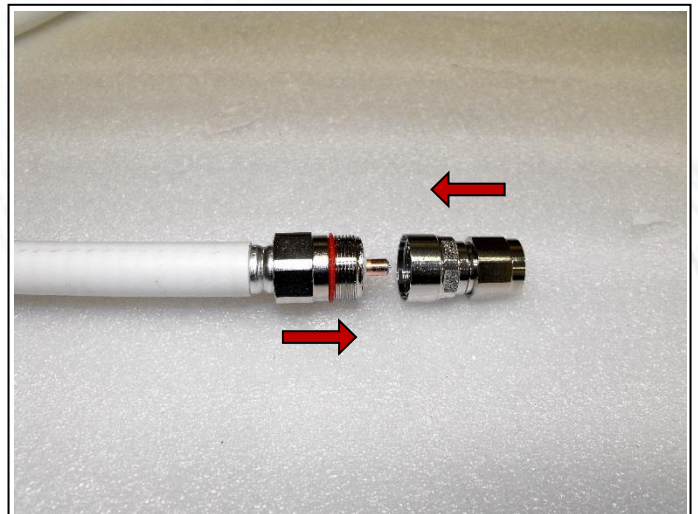
Use flaring tool on cable after connector is in place.



A good flare will have both sleeve and shield aligned.



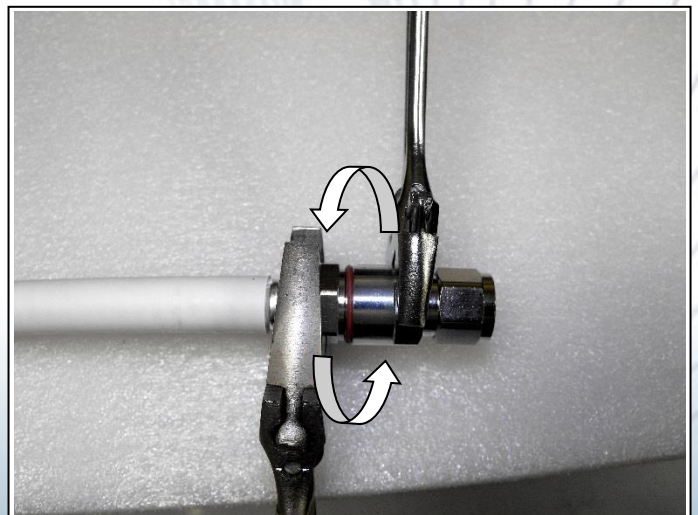
Use brush to clean off shavings. **DO NOT BLOW** on it.



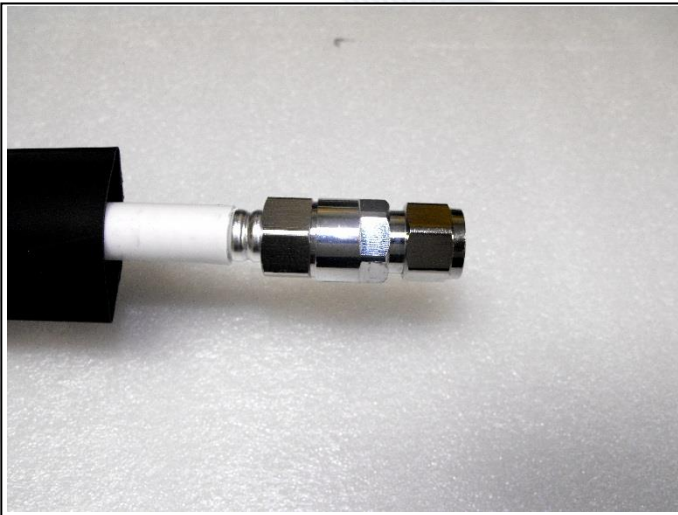
Align connector halves together.



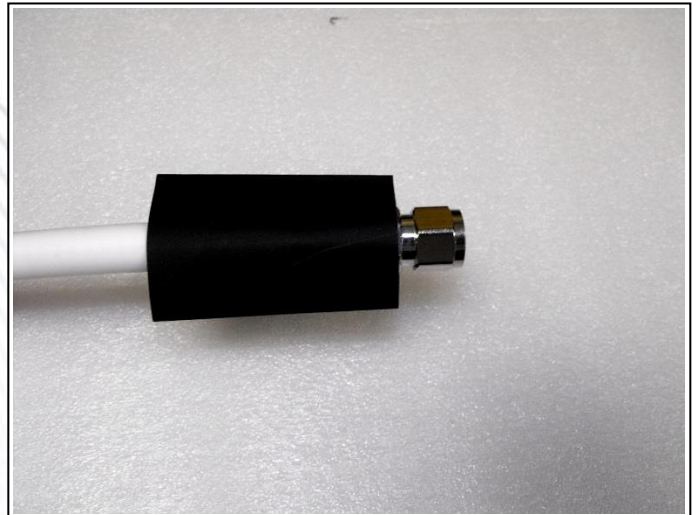
Tighten connector with hand till snug.



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**