

# Installation Instructions for 1/2" Plenum and Foam Connectors



## Prep

1  Use CT-CUTTER and insure cable is straight with no bends. For best results, start the blade in a "valley" of the coax. Apply even pressure and rotate the cutter around the cable. This will provide a straight and square cut

2  Insert CT-W12 cable prep tool into a hand drill, and set the drill to medium/high speed. For best results an RPM range of 1,200 to 1,600 is recommended (refer to chart below)

3  Start the drill to the recommended speed and with forward pressure, feed the coax into the prep tool, keeping the cable straight and parallel.

4  Once the prep tool spins freely on the coax, the cable prep is complete and should look as pictured.

5  Pull on the drill to remove the center core tool from the rear of the main tool. Place the center core tool over the center conductor and apply pressure, the center core tool will flare out the edges of the outer conductor

6  Use CT-GATOR to clean the center conductor of any remaining dielectric material.

## Install

1  Install the back o-ring onto the outside copper conductor of the coax until it meets the outer jacket of the coax. Wipe the prepped areas and center conductor of the coax with an alcohol pad to clean.

2  Apply grease to the o-ring and Slide the back nut onto the cable making sure that the spring fingers latch onto the first valley of the outer conductor

3  Slide the front nut onto the cable and attach it to the back nut. And tighten with hand wrenches. Make sure to hold the back nut in place while tightening the front nut

**Always wear proper PPE, including safety glasses and gloves.**

		Popular Hand Drill Models		
RPM Range @ high speed	Dewalt	Makita	Milwaukee	
12V	0-1,500	0-1,500	0-1,500	
18V	0-1,700	0-1,700	0-1,800	

## Tools Required

- CT-CUTTER
- Drill
- CT-W12
- CT-GATOR
- Alcohol Pad
- Wrenches
- Safety Glasses

