



# Install Instructions

## For 1/2" Smoothwall Connectors (Power Tool Process)

### Materials



- CC-DM-540
- CC-DM-S4
- CC-DRA-540
- CC-DRA-S4
- CC-NF-540
- CC-NF-S4
- CC-NM-540
- CC-NM-S4
- CC-NRA-540
- CC-NRA-S4
- CC-DF-540
- CC-DF-S4



RDCUTTER



GATOR  
Center Conductor  
Cleaner



CT500/540  
Center Conductor Cleaner



SP-500/SP-540  
Prep/Strip Tool



TQ-114-F18  
Torque Wrench



HCG-FRAMESET-1/2

HCG-CC



Power Drill

Always wear safety glasses when operating tool



Safety Glasses

With a few simple steps, PPC compression connectors can be easily and consistently installed on 1/2" cable

### Step #1 Prep



Straighten cable. Use cable cutter, applying even pressure while rotating tool around cable to cut off cable squarely.



Actuate drill at LOW speed to fixed stop until jacket, outer conductor and dielectric are removed.



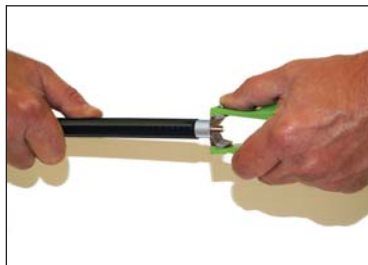
Prep after strip/coring.



Use PPC center conductor cleaner to remove foam dielectric down through the cored area.



Making sure outer conductor is supported by the PPC center conductor cleaner, use a Scotchbrite pad to thoroughly remove the adhesive from the outer conductor.



Use center conductor cleaner ("Gator tool") to remove any remaining residue on the center conductor.



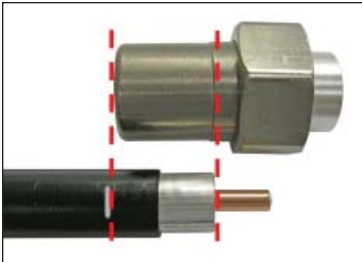
Final prepped cable is free of adhesive and dielectric down through cored area.



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## Step #2 Install



Align the outer conductor with the groove on the connector and mark cable (using pen or marker) in line with end of connector.



Push connector onto cable until it reaches alignment mark.

## Step #3 Compress

Connector	Frameset Insert
DIN	A
RA	A
N	B



Insert A



Insert B



Select proper insert for connector type, based upon the chart.

Pull/push back the insert to allow connector/cable to lay flat in frame. Make sure connector is fully seated. Press HCG tool trigger until gun cycles. Do not pull or push on tool or cable during compression.

When fully compressed, connector will move away from alignment mark.

## Step #4 Torque



When using the torque wrench make sure the mating connector is supported by an adjustable wrench.

Series	Torque (in-lbs.)	Hex Nut Size
N	14	3/4"
DIN	216 (18 ft-lbs.)	1 1/4"

Use proper torque based on the type of interface.

Refer to [www.ppc-online.com/wirelesstechsupport](http://www.ppc-online.com/wirelesstechsupport) for recent updates on PPC products.