

Materials



COMP-DM-600
COMP-NF-600
COMP-NM-600 & PL
COMP-NRA-600 & PL
COMP-TM-600 & PL



MCAP400
Marking Cap Shown
(others available based on cable size)



RDCUTTER



TW-1412, 14 in-lb. Torque Wrench
Shown (others available, see next page)



VT-500
Compression Tool
The VT-500 accommodates 195-500 series connectors.



IT50NM
Insertion Tool



SDT 400-50 Prep Tool
Shown (others available based on cable size)



GATOR
Center Conductor Cleaner



IT50TA Adapter for TNC
Connectors Shown (others available based on interface)

Note: VT-600 also available (green handle) The VT-600 accommodates 400-600 series connectors.

With a few simple steps, PPC compression connectors can be easily and consistently installed on braided cable.

Step #1 Prep



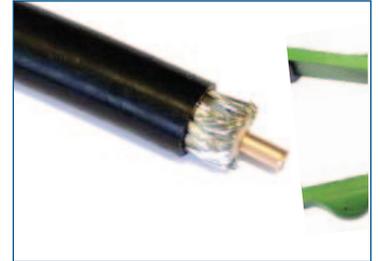
Straighten cable. Use cable cutter, applying even pressure while rotating tool around cable to cut off cable squarely.

Cable Size	Part Number
400	SDT195/400-50
600	SDT195/600-50

Select the correct prep tool, matching the cable size, from the chart above.



Make sure that the arrow is pointing outwards as shown. Apply light pressure, rotating the prep tool, until the braid is cut. Pull tool away from cable releasing stripped cable.



Prepped cable prior to braid foldback. Remove any remaining adhesive with Gator tool.



Fold the braid back.



Chamfer and debur the center conductor by inserting as shown into tool and rotating back and forth. The end result is shown at upper right.

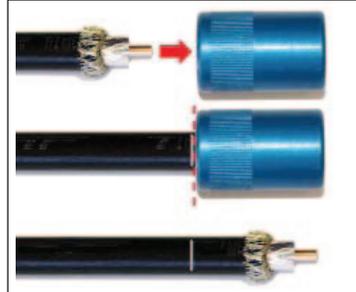


The prep is a 1/4"-1/4"-1/4", meaning 1/4" center conductor, 1/4" dielectric, and 1/4" braid. The compression tool graphic can be used as a guide for these measurements.

Step #2 Install



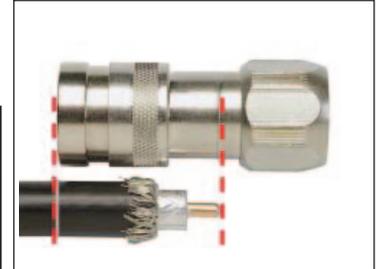
Additionally, the graphic can be used as a guide to mark the cable.



There are two other ways to measure the cable prior to installation. One way is to insert the cable into the marking cap, and mark the cable with a Sharpie pen.

Cable Size	Part Number	Color
400	MCAP400	Blue
600	MCAP600	Black

Select the correct marking cap matching the cable size, from the chart above.



Or, align the center conductor with the connector groove as shown. Then mark the cable jacket at end of connector.

Step #3 Compress



Insert cable into connector and slightly rotate connector onto cable. Attach insertion tool to connector. Use adapter if required (at right). Rotate the insertion tool clockwise until the connector reaches the mark.

Interface	Part Number
NM	IT50NM
NF	IT50NFA
DM	IT50DMA
TM	IT50TA

Select the correct insertion tool adapter, matching the interface, from the chart above.



Fully seat connector and compress using the VT compression tool, making sure gap in connector is closed.



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

Step #4 Torque



Hand tighten to port, then torque using the correct torque wrench (TW-1412 for N interface shown).

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Interface	Torque (in-lbs.)	Part Number	Hex Nut Size
N	14	TW-1412	3/4"
DIN	216 (18 ft-lbs.)	TQ-114-F18	1 1/4"
TNC	8	TW-08X14MM	14mm

Use proper torque based on the type of interface.

Refer to www.ppc-online.com/wirelesstechsupport for recent updates on PPC products.