

# Comp Pro® Compression Connectors Installation Instructions

With a few simple steps, Comp Pro® compression connectors can be easily and consistently installed on braided cables. Instructions can be used with any size or interface type for Comp Pro® connectors.

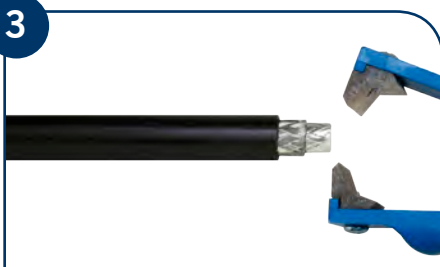
## Prep



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



Insert cable until it reaches stop-edge of tool. Apply light pressure, rotating the prep tool, until the braid is cut approximately 10 times.

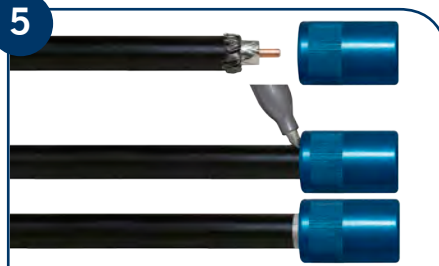


Prepped cable prior to braid foldback. Remove any remaining adhesive with **RFA-4420**. Fold the braid back.



Use file on prep tool to remove any burrs on center conductor.

## Install



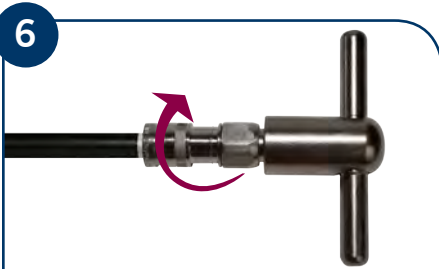
**OPTION 1**  
Insert cable into Marking cap. Center conductor should be flush with end of cap. Mark cable with marking pen **PEN-50** and remove cap.



**OPTION 2**  
Additionally, the graphic can be used as a guide to mark the cable on the Compression Tool.



**OPTION 3**  
Or, align the center conductor with the connector groove as shown. Then mark the cable jacket at end of connector.



Insert cable into connector, push gently while rotating clockwise until connector reaches mark on jacket. Use insertion tool if needed.

## Compress



Insert the back of the connector into the Compression Tool. (keep connector parallel with tool).



Squeeze handle of parallel tool completely so no gap is left at back of connector.



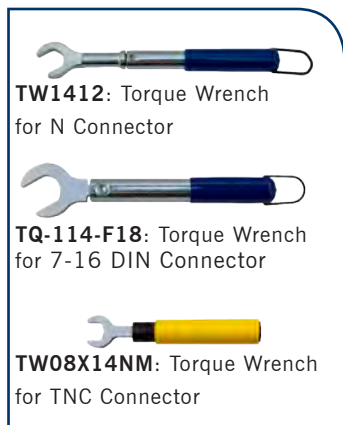
The connector is now permanently attached to the cable and ready to use. Back of connector will move away from white mark.



Hand tighten to port, then torque using the correct torque wrench.  
(more information on back)

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## Torque Wrench



### Specifications

INTERFACE	TORQUE (IN-LBS.)	PART NUMBER	HEX NUT SIZE
N	14 in-lbs.	TW-1412	20mm
7-16 DIN	18 ft-lbs.	TQ-114-F18	33mm
TNC	8 IN-LBS.	TW-08X14NM	14mm

Use the proper torque based on the type of interface

## Kits and Tools



**Pouch-50**  
Toolbag for 400  
& 600 Cable



**CXC**  
Cable Cutter for  
400 & 600 Cable



**PEN-50**  
Marking Pen for  
400 & 600 Cable



**SDT400-50 RC400-50**  
Stripping Prep Tool  
Blades (2 pack)  
for 400 Cable



**SDT600-50 RC600-50**  
Stripping Prep Tool  
Blades (2 pack)  
for 600 Cable



**RFA-4420**  
Center Conductor  
Prep Tool for 400 &  
600 Cable



**IT50NM**  
Insertion Tool for N  
Connector for 400  
& 600 Cable



**IT50TA**  
Adapter, Insertion  
Tool for TNC  
Connector for 400 &  
600 Cable



**MCAP400**  
Marking Cap  
(2 pack)  
for 400 Cable



**MCAP600**  
Marking Cap  
(2 pack)  
for 600 Cable



**TW1412**  
Torque Wrench for  
N Connector for  
400 & 600 Cable



**TW08X14MM**  
Torque Wrench for  
TNC Connector for  
400 & 600 Cable



**TQ-114-F18**  
Torque Wrench for  
7-16 DIN Connector  
for 400 & 600 Cable



**NW-BTS-JMA**  
N Male Installation  
Tool 3/4 inch  
for 400 & 600 Cable



**VT500**  
Compression Tool  
for 400 Cable



**VT600**  
Compression Tool  
for 600 Cable

**KIT400** for N connectors with LMR®-400 cable type

**KIT400NT** for N and TNC connectors with LMR®-400 cable type

**KIT600** for N connectors with LMR®-600 cable type

TOOLS	KIT400	KIT400NT	KIT600
Pouch-50	X	X	X
CXC	X	X	X
SDT400-50	X	X	
RC400-50	X	X	
SDT600-50			X
RC600-50			X
RFA-4420			
MCAP400	X	X	
MCAP600			X
PEN-50	X	X	X
IT50NM	X	X	X
IT50TA		X	
NW-BTS-JMA			
TW1412	X	X	X
TW08X14MM		X	
TQ-114-F18			
VT500	X	X	
VT600			X