

UXP-XXX-78

For 7/8" Annular Connectors



Connector models supported			
Interface	7-16 DIN	N	4.3-10
Male	UXP-DM-78	UXP-NM-78	UXP-4MT-78
Female	UXP-DF-78	UXP-NF-78	UXP-4F-78
Male push-pull			UXP-4MP-78



[Scan for install video](#)

Tools/materials required					
Power drill	SP-78 Prep/strip tool	HCG-CC (RP240 / RP210-B / RP100-B)	Frameset	TQ-78-F8 4.3-10	TW1412 N type
			 Refer to Step #3		
	TQ-114-F18 7-16 DIN Male	RDCUTTER-S	Adjustable Wrench	Alcohol wipe (included with connector)	

Step #1: Prep



Straighten the cable and position RDCUTTER-S in the valley of corrugation and cut off the cable squarely.



Attach the prep/strip tool to the drill. Open blade lever and lock with the pin. Insert the cable and actuate the drill.



Actuate the drill until the outer conductor reaches a fixed stop; this will remove the jacket.



Gently pull back on cable to ensure tool is seated in a valley & cutting blade is positioned over valley closest to end of cable. Release blade lever and continue until cable is completely cut.



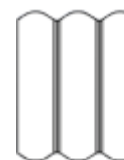
Open the lever, lock with the pin, and remove the cable. **Three full ridges** should be visible.



Hold drill and pull the stripping tool forward to eject the cable slug. Make sure any remaining cable is removed from the tool.

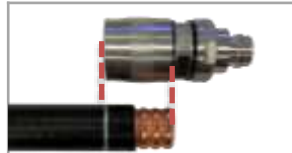
Cable preparation guide

Compare to picture to determine if correct cable prep was performed. (For reference only)



Step #2: Install

Optional: If using the JMA Weather Protection System (WPS), first follow the WPS instruction manual for proper installation.



Align the center conductor as shown with end of cap. Mark the cable jacket (using pen or marker) in line with the end of the connector.



Use alcohol wipe to clean outer conductor. Push & twist connector onto cable until it reaches cable mark. Two clicks may be felt during this process.



Pull/push back the insert to allow connector/cable to lie flat in the frame. Make sure the connector is fully seated.

Step #3: Frameset options

HCG-Frameset-78



HCG-FS-78-01



Step #4: Compress



Press HCG trigger until the compression tool cycles. Do not pull or push on the tool or cable during compression.



After the connector is fully compressed, the connector will move away from the alignment mark.



Add the connector port seal (female only) to ensure a moisture-proof connection. The port seal should sit in the flat area behind the threads.

Step #5: Torque



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

Proper torque

Series	Torque	Hex nut size
N	14 lbf·in (1.2 lbf·ft)	3/4" (19 mm)
7-16 DIN	216 lbf·in (18 lbf·ft)	1-1/4" (32 mm)
4.3-10	96 lbf·in (8 lbf·ft)	7/8" (22 mm)

Note: 4.3-10 push-pull connectors (4MP) do not require the torque step.