


CXP-XXX-78

For 7/8" Annular Connectors



 CXP-DF-78	Connector models supported				
	Interface	7-16 DIN	N	4.1-9.5	4.3-10
	Male	CXP-DM-78	CXP-NM-78	CXP-MDM-78	CXP-4MT-78
	Female	CXP-DF-78	CXP-NF-78		CXP-4F-78

Tools/materials required				
Power drill	SP-78 Prep/strip tool	HCG-CC HCG-FRAMESET-7/8	TQ-114-F18 (DIN 7-16)	TQ-78-F8 (4.1-9.5 / 4.3-10)
				
RDCUTTER-S	Alcohol wipe	TW1412 (N)	Adjustable Wrench	
				

Step #1: Prep



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



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



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



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



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



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

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Step #2: Install



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



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



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

Step #3: Compress



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



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



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

Step #4: Torque



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

Proper torque based on type of interface

Interface type	Torque wrench	Torque	Hex nut size
DIN	TQ-114-F18	216 lbf·in (18 lbf·ft)	1-1/4"
N	TW1412	14 lbf·in (1.2 lbf·ft)	3/4"
4.1-9.5	TQ-78-F8	96 lbf·in (8 lbf·ft)	7/8"
4.3-10	TQ-78-F8	96 lbf·in (8 lbf·ft)	22mm

Cable preparation guide

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

