

AXP-XXX-12

For 1/2" Annular Connectors



 AXP-DM-12	Connector Models Supported				
	Interface	7-16 DIN	N	4.1-9.5	4.3-10
	Male	AXP-DM-12	AXP-NM-12	AXP-MDM-12	AXP-4MT-12
	Female	AXP-DF-12	AXP-NF-12	AXP-MDF-12	AXP-4F-12
	Right Angle	AXP-DRA-12	AXP-NRA-12	AXP-MRA-12	AXP-4RT-12

Tools/Materials Required					
POWER DRILL	SP-1/2-LDF4D CORULDF4D	SP-CC	HCG-CC HCG-FRAMESET-1/2	TQ-114-F18 (DIN 7-16)	TQ-78-F8 (4.1-9.5 / 4.3-10)
					
RDCUTTER-S	T-HANDLE	ALCOHOL WIPE	PEN-50	TW1412 (N)	ADJUSTABLE WRENCH
					

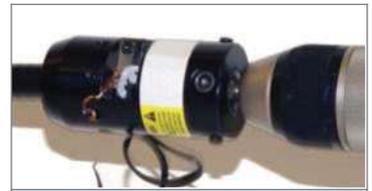
Step #1: Prep



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



Attach prep/strip tool to drill.



Actuate drill to remove jacket and expose the center conductor, then make sure the final cut is in the valley.



Use the coring bit "U" to remove dielectric until cable reaches stop on tool. You may optionally use the included T-Handle to prep/strip and core cable.



Cable will have approximately one corrugation of dielectric removed.



Use center conductor cleaner ("SP-CC tool") to remove any remaining dielectric material on center conductor.

Step #2: Install



Align outer conductor as shown with o-ring on body. Mark cable jacket (using pen or marker) in line with end of connector.



Use alcohol wipe to clean inner and outer conductors thoroughly.



Push connector onto cable until it reaches alignment mark (until 2 clicks are heard/felt).

Step #3: Compress

Interface Type	Insert
7-16 DIN & RA	A
N	B
4.1-9.5	C
4.3-10	D

Insert A Insert B Insert C Insert D

Refer to chart to select proper insert for connector type.



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 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.

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

Note: Use proper torque based on type of interface.

Cable Preparation Guide

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

