














# AXP-XXX-12S

For 1/2" Superflexible and Plenum Connectors



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

Tools/Materials Required					
Power drill	SP-12S-01 Prep/strip tool	SP-CC	HCG-CC HCG- FRAMESET-12	TQ-114-F18 (DIN 7-16)	TQ-78-F8 (4.1-9.5 4.3-10)
					
RDCUTTER-S	T-Handle	Alcohol wipe (included with connector)	SP-PLV (for plenum)	TW1412 (N type)	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.



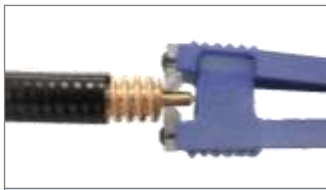
Attach SP-12S-01 prep/strip tool to drill or use the T-Handle. For plenum, keep the prepped cable end at a downward angle during the prep process.



Actuate drill to remove jacket and expose the center conductor, then remove cable from tool.



Proper prep is achieved when center conductor is chamfered as shown.



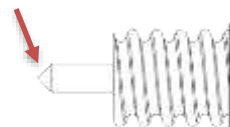
Use center conductor cleaner ("SP-CC tool") to remove any remaining dielectric material on center conductor.



For plenum, hold prepped cable end at a downward angle, tapping the cable while vacuuming.

### Cable preparation guide

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

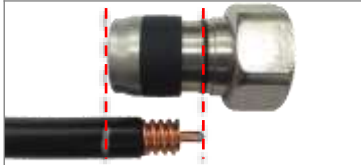


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## Step #2: Install



Align center 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.



Thread connector onto cable until it reaches alignment mark and until snug (do not over tighten).

## Step #3: Compress

Interface Type	Insert
7-16 DIN & RA	A
N	B
4.1-9.5	C
4.3-10	D
Select proper insert for connector interface.	



Make sure the connector is fully seated. Press HCG tool trigger until tool 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)	22 mm

**Note:** Use proper torque based on type of interface.