


# UXP-XXX-12S







For 1/2" Superflexible and Plenum Connectors



 UXP-DM-12S	Connector models supported	
	Interface	7-16 DIN
Male	UXP-DM-12S	UXP-NM-12S
Female	UXP-DF-12S	UXP-NF-12S
Right angle	UXP-DRA-12S	UXP-NRA-12S



[Scan for installation video](#)

Tools/materials required						
<b>Power drill</b>	<b>SP-12S-01</b> Prep/strip tool	<b>HCG-CC</b> (RP240 / RP210-B / RP100-B)	<b>Frameset</b>	<b>TQ-78-F8</b> (4.3-10)	<b>TW1412</b> (N type)	<b>TQ-114-F18</b> (7-16 DIN Male)
			 Refer to Step #3			
<b>T-Handle</b>	<b>RDCUTTER-S</b>	<b>SP-CC</b>	<b>Adjustable Wrench</b>	<b>SP-PLV</b> (for plenum)	<b>Alcohol wipe</b> (included with connector)	
						

## Step #1: Prep



Straighten the cable. Using RDCUTTER-S, apply even pressure while rotating the tool around the cable to cut off the cable squarely.



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



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



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



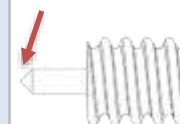
Use center conductor cleaner (SP-CC tool) to remove any remaining dielectric material on the center conductor.



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

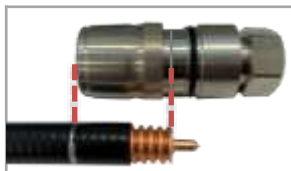
**Cable preparation guide**

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 outer conductor with the indicator mark on the connector body as shown. Mark the cable jacket (using pen or marker) in line with the end of the connector.



Use the alcohol wipe to clean the inner and outer conductors thoroughly.



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

## Step #3: Frameset options

HCG-Frameset-12	
Connector	Frameset insert
7-16 DIN	A
RA	A
N	B
4.3-10	D
<p>Insert A   Insert B   Insert D</p>	
Refer to chart to select proper insert for connector type.	

HCG-FS-12-01	
Connector	Frameset insert
7-16 DIN	2
RA	2
N	3
4.3-10	1
<p>Insert 1   Insert 2   Insert 3</p>	
Refer to chart to select proper insert for connector type.	



[Scan for HCG-FS-12-01 Frameset Operation Manual](#)

## Step #4: Compress



Select the proper insert for the connector. Pull/push back the insert to allow the connector/cable to lie flat in the frame.



Make sure the connector is fully seated. Press the HCG trigger until the compression tool cycles. Do not pull or push on the tool during compression.



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

## Step #5: Torque



Mate the connector to the port, using the proper torque from the table to the right. When not attaching to a port, 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)