






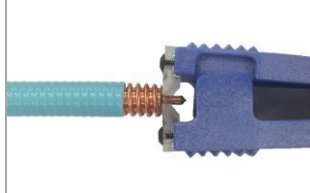

UPL-XXX-12S

For 1/2" Superflexible Plenum Connectors

	Connector models supported				
	Interface	7-16 DIN	N	4.3-10	4.1-9.5
	Male	UPL-DM-12S	UPL-NM-12S	UPL-4MT-12S	UPL-MDM-12S
	Female	UPL-DF-12S	UPL-NF-12S	UPL-4F-12S	
	Right angle	UPL-DRA-12S	UPL-NRA-12S	UPL-4RT-12S	UPL-MRA-12S
	Male push-pull			UPL-4MP-12S	

Tools/materials required					
Power drill	SP-12SPL Prep/strip tool	HCG-CC	HCG-FRAMESET-12	TQ-78-F8 4.1-9.5 4.3-10	TW1412 N type
					
TQ-114-F18 7-16 DIN Male	RDCUTTER-S	SP-CC	Adjustable Wrench	Alcohol wipe (included with connector)	SP-PLV
					

Step #1: Prep

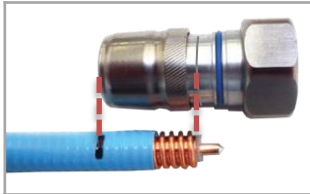
			
<p>Straighten the cable. Using RDCUTTER-S, apply even pressure while rotating the tool around the cable to cut off the cable squarely.</p>	<p>Attach the prep/strip tool to the drill. Keep the prepped cable end at a downward angle during the prep-coring process.</p>	<p>Actuate the drill to remove the jacket and expose the center conductor.</p>	<p>Proper prep is achieved when the center conductor is chamfered as shown. No coring of dielectric is required.</p>
		<div style="border: 1px solid black; padding: 5px;"> <p>Cable preparation guide</p> <p>Compare to picture to determine if correct cable prep was performed. (For reference only)</p> </div>	
<p>Use the center conductor cleaner (SP-CC tool) to remove any remaining dielectric material on the center conductor.</p>	<p>Hold the prepped cable end at a downward angle, tapping the cable while vacuuming a second time.</p>		



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Step #2: Install



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: Compress

Connector	Frameset insert
7-16 DIN	A
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.



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 #4: 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"
7-16 DIN	216 lbf·in (18 lbf·ft)	1-1/4"
4.1-9.5	96 lbf·in (8 lbf·ft)	7/8"
4.3-10	96 lbf·in (8 lbf·ft)	22mm

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



Scan for install video