


UXP-XXX-14S

For 1/4" Superflexible Connectors (Small Form Factor)



	Connector models supported					
	Interface	7-16 DIN	N	4.3-10	Nex10	2.2-5
Male	UXP-DM-14S	UXP-NM-14S	UXP-4MT-14S	UXP-1MT-14S	UXP-2MT-14S-01	
Female	UXP-DF-14S	UXP-NF-14S	UXP-4F-14S			
Male push-pull			UXP-4MP-14S			
Right angle	UXP-DRA-14S-01	UXP-NRA-14S	UXP-4RT-14S	UXP-1RT-14S-01	UXP-2RT-14S-01	



[Scan for install video](#)

Tools/materials required						
Power drill	SP-14S Prep/strip tool	HCG-CC (RP240 / RP210-B / RP100-B)	Frameset	TQ-78-F8 4.3-10	TW1412 N type	TQ-114-F18 7-16 DIN Male
			 Refer to Step #3			
TQ-716-F3.7 Nex10	TQ-916-F6 2.2-5	RDCUTTER-S	SP-CC	Adjustable Wrench	SP-PLV (for plenum)	Alcohol wipe (included with connector)
						

Step #1: Prep



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

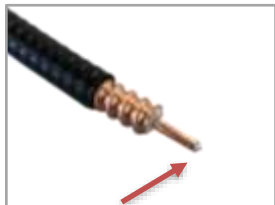
Optional: If using the JMA Weather Protection System (WPS), follow the WPS instruction manual for proper installation before proceeding to Step #2.



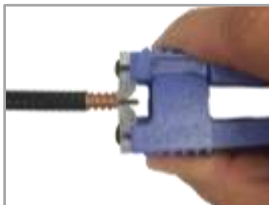
Attach prep/strip tool to drill. Be sure you are using an SP-14S tool.



Actuate drill to remove jacket and expose 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 cable, insert the prepped cable end at a downward angle into the SP-PLV, tapping the cable while vacuuming.

Cable preparation guide

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

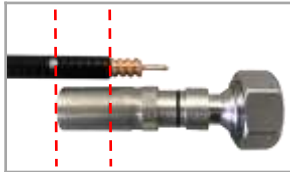


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Step #2: Install



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



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



Thread connector onto cable until it reaches alignment mark and the connector bottoms on the cable.

⚠ JMA 1/4" Superflex connectors now contain a clutch mechanism to prevent over-tightening of the connector onto the cable. This also means when the connector is fully installed on the cable prior to compression, the connector will continue to spin freely when twisted, without damaging the cable.

Step #3: Frameset options



Step #4: Compress



Pull/push back frameset to allow connector/cable to lay flat in the frame.



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



When fully compressed, connector will move away from 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)
4.3-10	96 lbf·in (8 lbf·ft)	7/8" (22 mm)
Nex10	44.4 lbf·in (3.7 lbf·ft)	7/16" (11 mm)
2.2-5.0	72 lbf·in (6 lbf·ft)	9/16" (16 mm)
Note: 4.3-10 push-pull connectors (4MP) do not require the torque step.		