


UXP-XXX-12L

For 1/2" Annular Connectors for LS LHF12D Cable



	Connector models supported			
	Interface	7-16 DIN	N	4.3-10
	Male	UXP-DM-12L	UXP-NM-12L	UXP-4MT-12L
	Female	UXP-DF-12L	UXP-NF-12L	UXP-4F-12L
	Right angle	UXP-DRA-12L	UXP-NRA-12L	
	Male push-pull			UXP-4MP-12L



[Scan for install video](#)

Tools/materials required					
Power drill	SP-1/2-LH4D Prep/strip tool	HCG-CC (RP240 / RP210-B / RP100-B)	Frameset	TQ-78-F8 4.3-10	TW1412 N type
			 Refer to Step #3		
TQ-114-F18 7-16 DIN Male	RDCUTTER-S	SP-CC	Adjustable Wrench	Alcohol wipe (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 prep/strip tool to the drill.



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



Use the coring bit "U," included with the prep tool, to remove dielectric until the cable reaches stop on the tool.



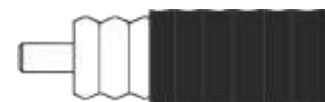
The cable will have approximately one corrugation of dielectric removed.



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

Cable preparation guide

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



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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 as shown with groove on cap. 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.



Push the connector onto the cable until it reaches the alignment mark, and until two clicks are heard/felt.

Step #3: Frameset options

HCG-Frameset-12	
Connector	Frameset insert
7-16 DIN	A
RA	A
N	B
4.3-10	D
 Insert A Insert B Insert D	
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
 Insert 1 Insert 2 Insert 3	
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.

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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)

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