


CXP-XXX-78FX

For 7/8" Annular Connectors for AVA5-50FX Cable



 CXP-DF-78FX	Connector Models Supported			
	Interface	7-16 DIN	N	4.3-10
	Female	CXP-DF-78FX	CXP-NF-78FX	CXP-4F-78FX

Tools/Materials Required					
POWER DRILL	SP-78FX PREP/STRIP TOOL	SP-CC	HCG-CC HCG-FRAMESET-7/8	TQ-114-F18 (DIN 7-16)	TQ-78-F8 (4.1-9.5 / 4.3-10)
					
RDCUTTER-S	COMPRESSED AIR PLIERS	MONOFILAMENT LINE	ALCOHOL WIPE	TW1412 (N)	ADJUSTABLE WRENCH
					

Step #1: Prep



Straighten cable and position RDCUTTER-S in valley of corrugation and cut off cable squarely.



Attach prep/strip tool to drill. Open blade lever and lock with pin. Insert cable and actuate drill.



Actuate drill until outer conductor reaches fixed stop; this will remove the jacket.



Make sure leftmost blade is positioned over valley and rightmost blade will be positioned over peak closest to end of cable. Release blade lever and continue until cable is completely cut.



Blade lever is shown fully closed. Open lever, lock with pin and remove tool. Make sure any remaining cable is removed from tool.



Remove cut outer conductor and dielectric slug with pliers.



Use monofilament line (10-20lb test) to remove foam from the center conductor, pulling the line back and forth.



Properly stripped cable is ready for connector measurement marking. Three full visible ridges are acceptable. See that the cut is made in the 'valley.'

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Step #2: Install



Align outer conductor as shown with end of cap. Mark cable jacket (using pen or marker) in line with end of connector.



Use the provided alcohol wipe to clean the outer conductor. Push and twist connector onto cable until it reaches the cable mark.



Pull/push back the insert to allow connector/cable to lay flat in frame. Make sure connector is fully seated.

Step #3: Compress



Press HCG tool trigger until gun cycles. Do not pull or push on tool or cable during compression.



After connector is fully compressed, connector will move away from alignment mark.



Add connector port seal (DIN female only) to ensure a moisture-proof connection. The port seal should sit in the flat area behind the threads.

Step #4: Torque



When using the torque wrench, make sure the mating connector is supported by an adjustable wrench.

Interface Type	Torque Wrench	Torque (in. lbs.)	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)	22mm

Note: Use proper torque based on type of interface.

Cable Preparation Guide

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

