Installation Instructions
For 1/2" Superflexible Connectors

Connectors Supported



- UXP-DM-12S
- UXP-DF-12S
- UXP-NM-12S
- UXP-NF-12S
- UXP-DRA-12S
- UXP-NRA-12S
- UXP-MDM-12S
- UXP-MRA-12S
- UXP-4MT-12S
- UXP-4F-12S
- UXP-4RT-12S
- UXP-4MP-12S

Tools/Materials


TW1412 Torque Wrench N-Male


TQ-114-F18 Torque Wrench Din-Male




12" Adjustable Wrench


SP-CC


Alcohol Wipe


RDCUTTER-S


Safety Glasses


TQ-78-F8 Torque Wrench 4.1-9.5 Male 4.3-10 Male


SP-12S Prep/Strip Tool

T-Handle


Power Drill

Always wear safety glasses when operating tools.

With a few simple steps, JMA compression connectors can be easily and consistently installed on 1/2" cable.

Step #1: Prep



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



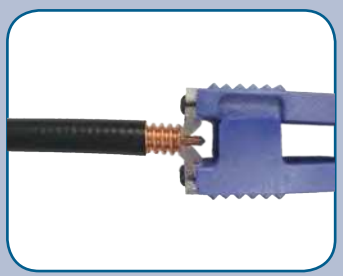
Attach prep/strip tool to drill. Be sure you are using an SP-12S tool.



Actuate drill to remove jacket and expose the 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.

13439-01 revD 09-09-2016

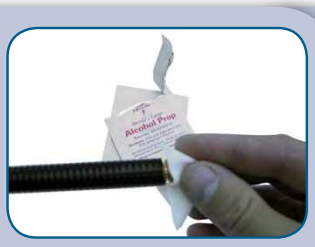
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Step #2: Install



Align center conductor as shown with step on the body closest to the nut. Mark cable jacket (using pen or marker) in line with end of connector.



Use alcohol wipe to clean inner and outer conductors thoroughly.



Thread connector onto cable until it reaches 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 proper insert for connector. Pull/push back the insert to allow connector/cable to lay flat in frame.



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



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

Step #4: Torque



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

Series	Torque (in. lbs.)	Hex Nut Size
N	14 (1.2 ft-lbs)	3/4"
7-16 DIN	216 (18 ft-lbs)	1-1/4"
4.1-9.5 / 4.3-10	96 (8 ft-lbs)	7/8"

Use proper torque based on the type of interface.

Note:
4.3-10 Push/Pull Connectors (4MP) Do Not Require Torque Step

Mobile-enabled:
JMAqr.com

Scan for install video.

Cable preparation guide



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

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