*Installation Instructions*

# UXP-XXX-38SA-01

For 3/8” Superflexible Connectors for Alternate Cables

| Connector models supported | | | |
|---|---|---|---|
| **Interface** | **4.3-10** | **Nex10** | **2.2-5** |
| **Male** | UXP-4MT-38SA-01 | UXP-1MT-38SA-01 | UXP-2MT-38SA-01 |
| **Female** | UXP-4F-38SA-01 | | |
| **Male push-pull** | | | |
| **Right angle** | UXP-4RT-38SA-01 | UXP-1RT-38SA-01 | UXP-2RT-38SA-01 |

| Tools/materials required | | | | | |
|---|---|---|---|---|---|
| **Power drill** | **SP-38S-01 Prep/strip tool (standard)** | **HCG-CC** | **HCG-FRAMESET-38S** | **TQ-78-F8 4.1-9.5 4.3-10** | **TQ-716-F3.7 Nex10** |
|  |  |  |  |  |  |
| **TQ-916-F6 2.2-5** | **T-Handle** | **RDCUTTER-S** | **SP-CC** | **Adjustable Wrench** | **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-38S-01.

Actuate drill to remove jacket and expose center conductor. Then remove cable from tool.

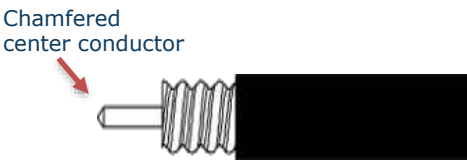
Proper prep is achieved when center conductor is chamfered as shown.

Use the “SA” coring bit that comes with the prep tool to remove dielectric until the cable bottoms on the bit. Alternately, a drill can be used in place of the T-Handle.

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

### Cable preparation guide

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



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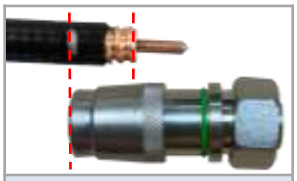
## Step #2: Install



Align outer conductor as shown with the etched line. 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 3/8” Superflex connectors 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: 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 #4: 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** |
| 4.3-10 | 8 lbf·ft (10.85 N·m) | 7/8” (22 mm) |
| Nex10 | 3.7 lbf·ft (5.02 N·m) | 7/16” (11 mm) |
| 2.2-5.0 | 6 lbf·ft (8.13 N·m) | 9/16” (16 mm) |

Scan for install video