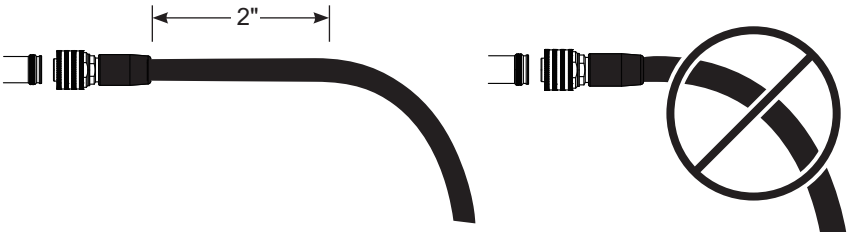
Installation of HELIAX® 4.3-10 Push-Pull Jumper Products

Bulletin 7818583 Revision K Page 1 of 2

1 Maintain 2-inch straight cable length behind the cable.
Do not hold the connector and bend the cable directly behind it, rather hold the cable adjacent to the connector to keep stress from the cable/connector junction.



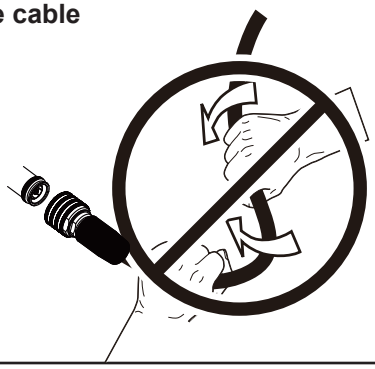
2 Do not exceed the cable minimum bend radius.

Single Bend Radius Table*	
Cable	**Radius, inches**
FSJ1	1.00 (25.4mm)
LSF2	1.00 (25.4mm)
FSJ4 / RSJ4	1.25 (31.8mm)
LDF 4	2.00 (51.0mm)
C141 / RG402	0.40 (10.0mm)

***Note:** Requires use of mandrel to achieve single bend radius.*

3 Route and form the cable in place prior to attach the coupling nuts.

4 Do not twist the cable into position.

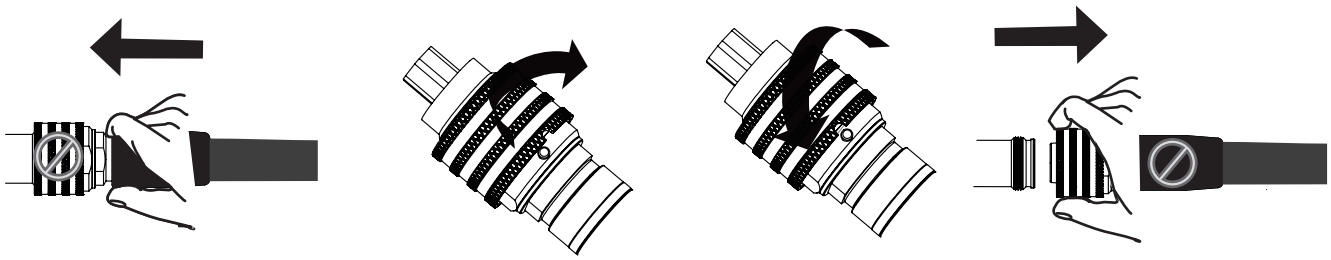


5 Do not attach the connector coupling nut of one jumper connector and leave the opposite end hanging unattached.

6

Assemble: Hold the connector body and push it onto the female interface.
Slightly rotate the coupling nut to ensure groove of coupling nut not align with the pins .
(FSJ1 and LSF2 Push-Pull connector only)
DO NOT hold the coupling nut while pushing on.

Disassemble: Slightly rotate the coupling nut to ensure groove of coupling nut align with the pins . (FSJ1 and LSF2 Push-Pull connector only)
Hold the connector body stationary and pull back the coupling nut to disengage.
DO NOT pull back the connector body.



Tip: **Listen for a click sound to fully engage**
Assemble: Rotate the coupling nut slightly to help a click sound for fully engaged.
Disassemble: Rotate the coupling nut slightly to help pull back.

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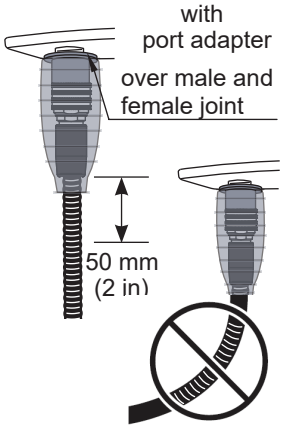
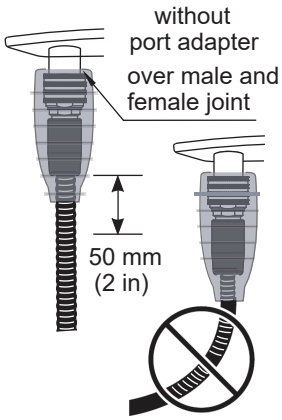
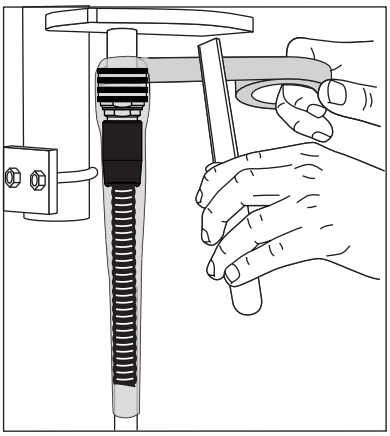
7 If cable jumper applying HELIAX® SureGuard Version 2.0 Weatherproofing boots, please refer to below.





8 If cable jumper applying weatherproofing tape, the manufacturer's recommendations are referenced below.



NOTE: Connector interface threads and O-rings are designed for mate ability without ANY supplementary treatment to threads or O-rings. If any type of supplementary lubricants/oils are used, the warranty will be void, and connector/assembly performance may be affected.

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Installation Video

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Inches 1 2 3 4
Millimeters 20 30 40 50 60 70 80 90 100