

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

**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.**

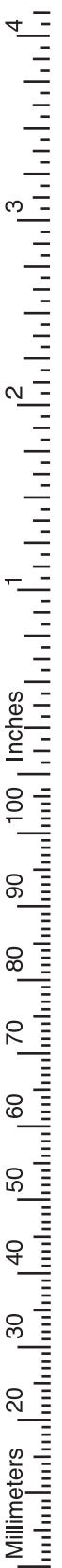
**4 Do not twist the cable into position.**

**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.

**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.

**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.

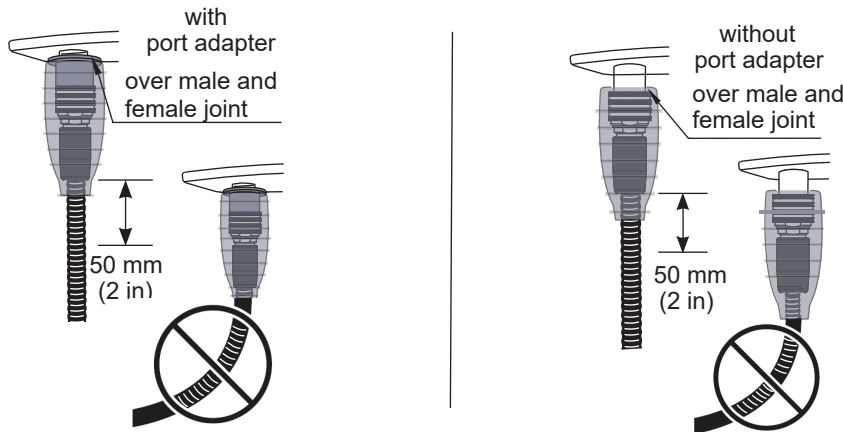


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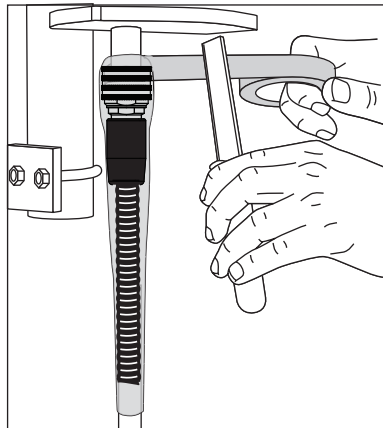
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CommScope Infrastructure Academy offers installation training.

**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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