



Parts List				Multi Service Deployment			Not Included	

Part 1 – Mounting

Guidance from carrier will indicate the degree of separation of the units around the pole.

SERVICE Unit, aim at service area

DONOR Unit, aim at gNb per carrier guidance

Multiple Service Units only applicable to some deployments

If adding additional Service Units to an existing configuration, **DO NOT** mount unit over the top of existing bands.

Step 1 Drill 5-inch pilot holes and screw bracket to the pole

Recommended bit size: 3/32-inches for softwood 3/16-inches for hardwood.
Bracket comes with instructions for assembly.

Step 2 Install bands over top and bottom of mounting bracket

A. The required band length is 4.5x the pole diameter for each single wrap. **DO NOT DOUBLE WRAP.**

B. With the ears pointing up and on the right side, slide the band through the buckle and bend at least 2-inches beneath the buckle. **DO NOT POSITION BUCKLE OVER MOUNTING BRACKET.**

D. Slide the 6-inches of band into the open slot of tool nose and gripper block. Move into slot as far as possible. Turn the handle until the band stops moving through the buckle – this means maximum tension has been applied. **DO NOT OVERTIGHTEN.**

E. & F. Roll tool nose over the buckle, relieving a slight amount of tension by backing off tension handle (1/2 to 1 turn) **DURING** this fold-over.

F. Slide the cutting tool back and make sure you have 6-inches of extra band and then pull cutting handle to cut the band.

G. Hold clamp tail down between buckle ears while hammering ears down to hold band stub in place.

Step 3 Tighten bracket nuts on mounting arm and mount each unit

Tighten hex nuts on bracket arm to 18 ft-lbs (216 in-lbs)

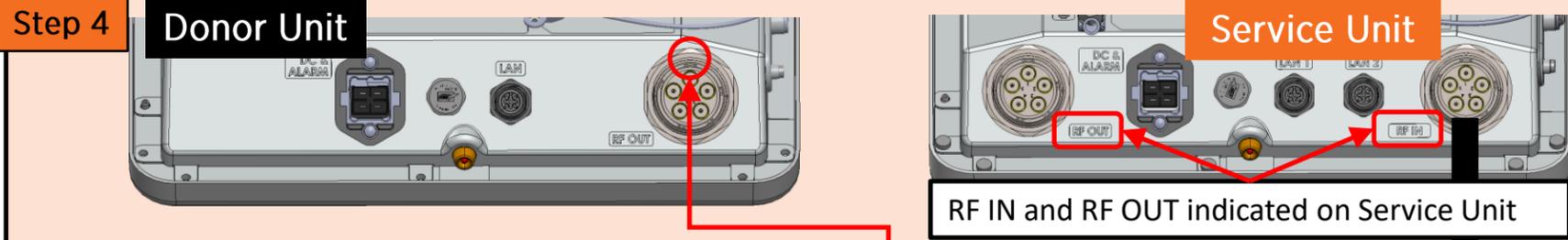
Tighten bracket-to-unit hex nuts to 4-5 ft-lbs (48-60 in-lbs)

Finish **FULLY** mounting the units **BEFORE** attaching cables.

Record the Pivot 5G serial number found on the bottom of all units. This will be needed for commissioning.

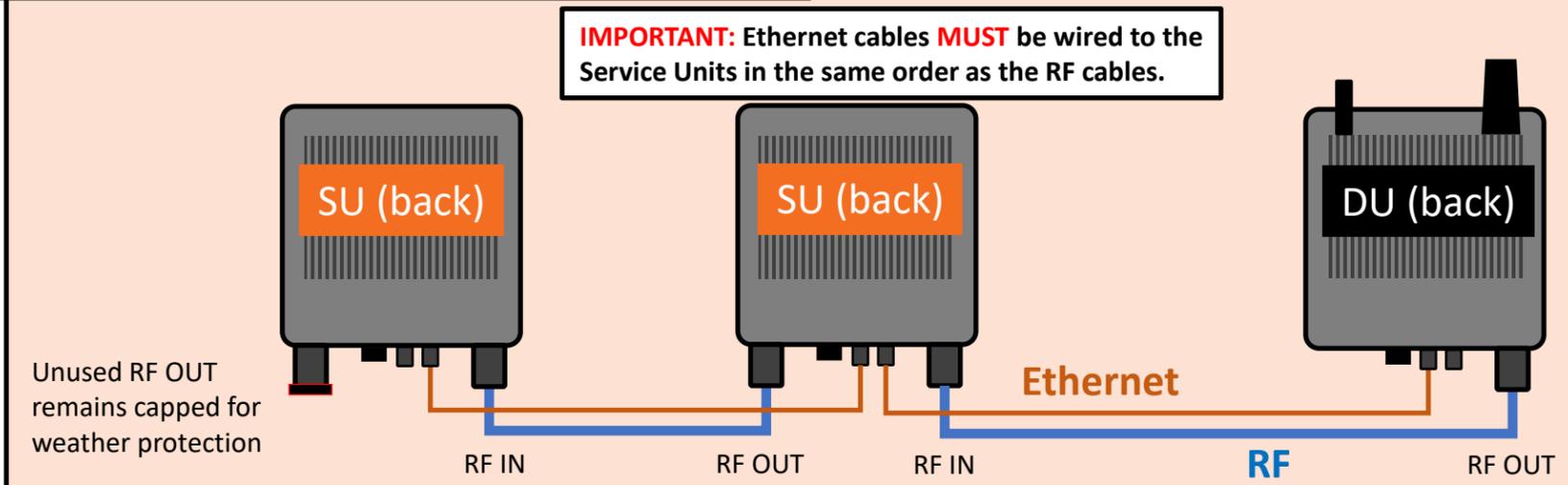
Cable instructions on back ↘

Part 2 – Connecting & Weatherproofing Cables

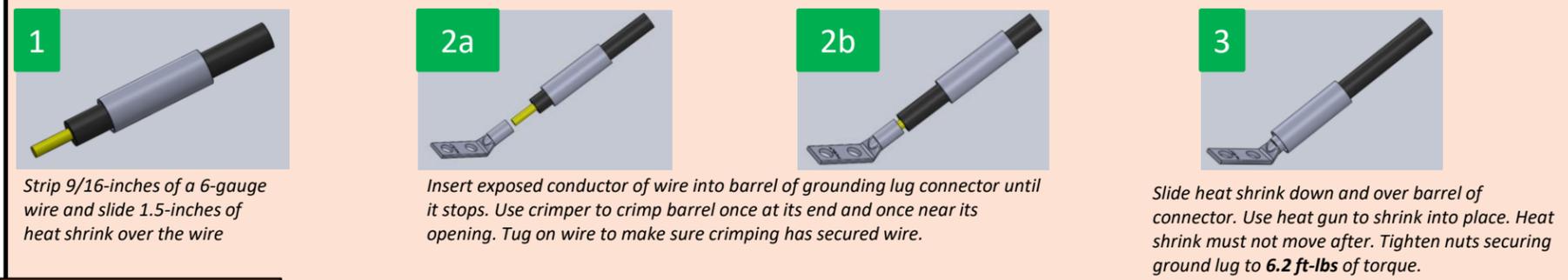


4a Begin cabling from DU first. Line up red indicator on RF cable with red indicator on cable port to insert and twist connector until tight.

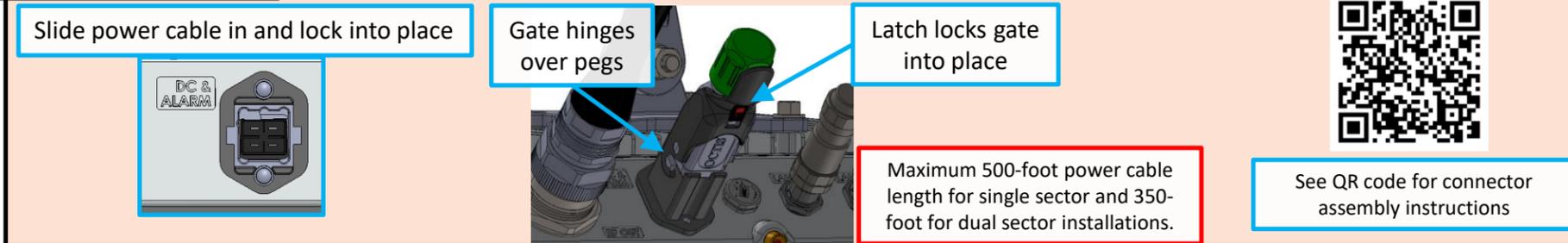
4b – Wiring Sequence for RF and Ethernet Cables



4c – Ground Cable

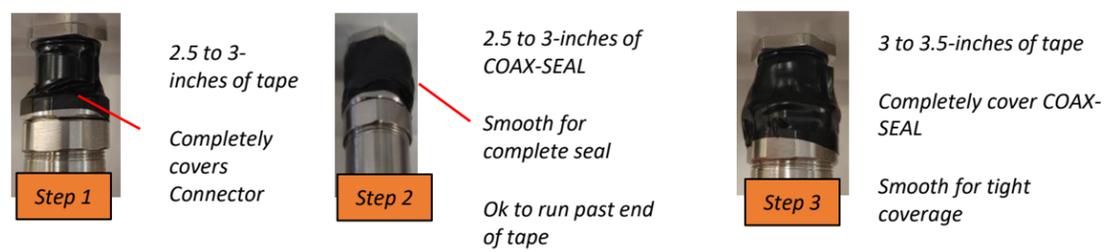


4d – Power Cable



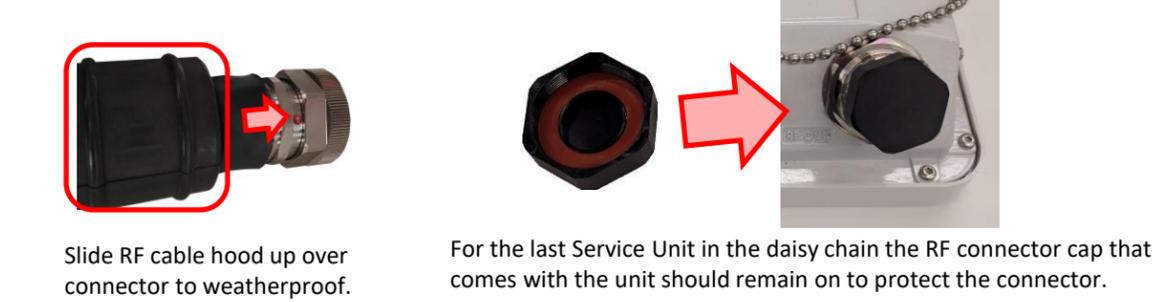
Step 5 Weatherproofing

5a – Ethernet Cable



- Make sure fittings are clean, dry, and connected to the proper torque.
1. Use 2.5 to 3-inches of ½-inch wide electrical tape to cover the connector. Smooth tape for a tight seal over each side of the connector.
 2. Use 2.5 to 3-inches of COAX-SEAL to create an airtight seal over the tape and connector. It is okay to run over the tape. Smooth the COAX-SEAL to ensure complete, airtight coverage.
 3. Use 3 to 3.5-inches of tape to completely cover the COAX-SEAL. Smooth the coverage area to ensure an airtight seal.

5b – RF Cable



All Cables: Cables MUST run uphill to BOTH units to create a drip loop between units

- #### RF Cables
- **DO NOT** use plastic tie wraps.
 - **DO NOT** get water or dirt in cable connectors.
 - **DO NOT** leave connections exposed (without dust caps). Install cables **IMMEDIATELY** after mounting and removing caps.
 - **DO NOT** power on until all connections have been made and tightened to specifications.
 - **DO NOT** crimp, crush, or tug on cables.
 - Cables shall **NOT** be installed under tension or remain under tension once installed.
 - **DO NOT** loop power & ground or ethernet cables in smaller than 6-inch diameter loops or RF cables in smaller than 14-inch diameter loops.

Commissioning Instructions & LED Behavior



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