

Hints for easier SAL-30 installation

This procedure gets the wire loop split at right distance from mast after erected the entire SAL-30 with loop.

1. With two sets of loop wire on the ground measure the length of each wire and trim so both wires are exactly the same length (about 29 meters). There could be 3-5 cm difference.
2. With the mast on the ground. Start inserting one wire end from the top (point A Figure 1.) and pull it through (a total of 9,5 meters) all distance plates. Continues so that one end extends about 1,5-2 m from point B (lowest mast position above ground) towards point C.
3. At point C you will have the split where you can join both ends (by soldering and Coax seal) **AFTER having inserted the coupler to the other end**. Trying to move coupler over the split WILL NOT WORK due to small diameter tolerances of ferrite beads.
4. This gives enough distance to move coupler +/- 10-30 cm from its normal position when trying to adjust F/B.
5. Depending on type of mast if it is a telescopic mast it is good pre-caution to fixate all tube joint with volcanic tape so the will not collapse over time due to the vertical force of the wire.

SAL-30 Wire schematic

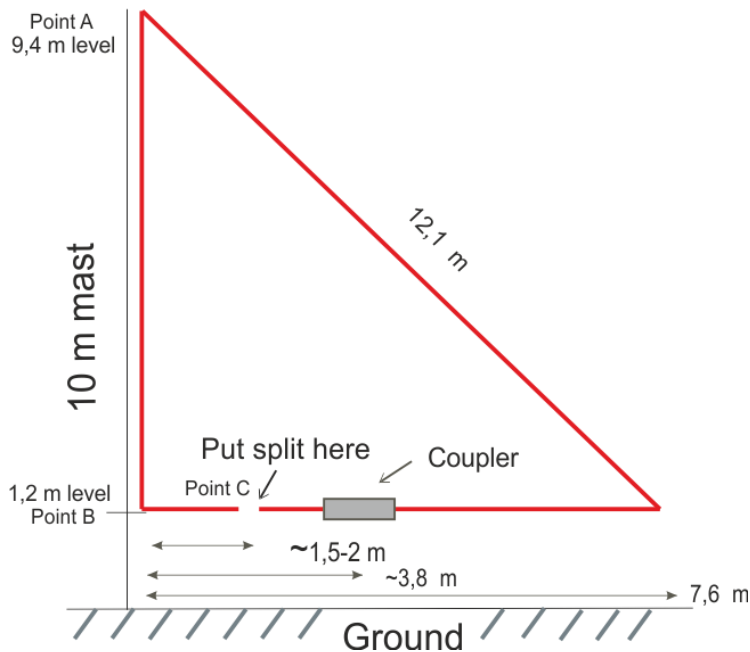


Figure 1: Showing one loop with lengths and measures of important parts.