

SK-144
2M
STACKING HARNESS

1. Mount the antennas 4-5' apart. This distance is not critical and 6" or so either direction will result in no observable change in performance.
- 2 Both antennas should be mounted with connectors facing down and the square radiator sections parallel with one another. That is, when viewed from above, the top antenna would exactly block the view of the bottom antenna.
3. Tune each antenna separately, then attach the harness. If the center frequency has changed, **all** 3/16" rods should be moved in equal increments and in the same direction.
4. Excess coax may be carefully wrapped around the mast. Avoid stressing the connectors and matchbox. Alternatively, the excess may be coiled near the Tee and secured with the included tie wraps. **Do NOT cut the harness. It is a precision length Q transformer.**
5. UHF connectors are not watertight. However, we have sealed the area where the coax enters the PL-259. You still need to seal the SO-239 to PL-259 junction. Our preferred method to seal them is to wind an overlapping spiral of quality electrical tape, starting from the joint of the connector/socket out on to the RG6/U. The 'tail' of the tape is then secured from unwinding with a black tie wrap.

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CQ VHF CONTEST WINNING STATION AT
W4VHF
FEATURING STACKED OA-50'S