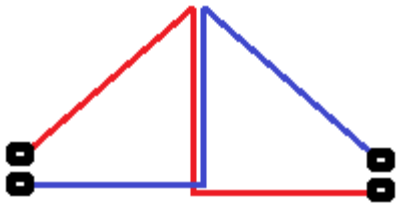
DUAL LOOP DESIGNS

Drawing 1: Split Delta
Requires 1 tall support at center, 2 to 3 short stakes for tensioning (2 ends + optional center)

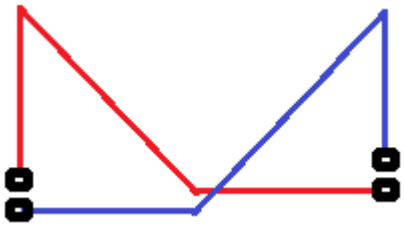


more at:
http://www.qsl.net/wa1ion/pictures1/split_delta_loop.gif

Drawing 2: DKAZ (Double Kaz)
Requires 2 tall supports at 25% and 75% length points, 3 short stakes for tensioning (2 ends + center)

more at:
http://www.durenberger.com/documents/DKAZ070314.pdf
http://www.qsl.net/wa1ion/pictures1/dkaz_40m_long.gif

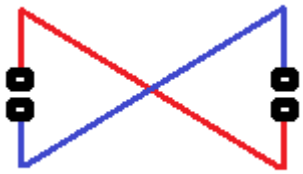
Drawing 3: DHDL
Requires 2 tall supports (ends), 1 to 3 short stakes for tensioning (center + optional 2 ends)



more at:
http://www.wellbrook.uk.com/pdf/Double_Half-Delta_Loop01-1.pdf
http://www.ok1rr.com/index.php/antennas/42-double-half-delta-loop-rx-antenna

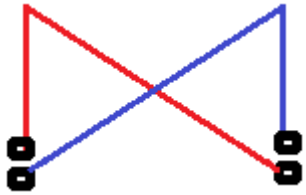
---

Drawing 4: Bowtie (Flag style feed halfway up each side)
Requires 2 tall supports (ends), 0 to 2 short stakes for tensioning (optional 2 ends)

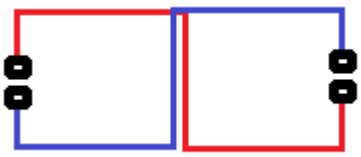


more at:
http://www.qsl.net/wa1ion/pictures1/bowtie_s_yarmouth.gif

Drawing 5: Bowtie (SuperLoop style feed at bottom corners)
Requires 2 tall supports (ends), 0 to 2 short stakes for tensioning (optional 2 ends)

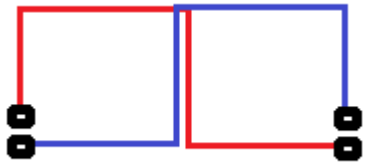


Drawing 6: Split Flag
Requires 3 tall supports (2 ends + center), 1 to 3 short stakes for tensioning (center + optional 2 ends)



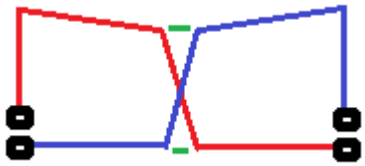
more at:
http://www.qsl.net/wa1ion/pictures1/dual_feed_split_flag.gif

Drawing 7: Split SuperLoop
Requires 3 tall supports (2 ends + center), 1 to 3 short stakes for tensioning (center + optional 2 ends)



more at:
http://www.qsl.net/wa1ion/pictures1/dual_feed_split_superloop_38m_long.gif
http://www.qsl.net/wa1ion/pictures1/split_superloop.gif

Drawing 8: Split SuperLoop with droop allowance
Requires 2 tall supports (ends), 2 to 4 short stakes for tensioning (2 center + optional 2 ends)
Top wire height above base near center is about 80% of top wire height above base near the ends.
Insulators + section of nylon rope separate top wires near center, bottom wires near center.
This is intermediate between antennas shown in Drawing 5 and Drawing 7.



more at:
http://www.qsl.net/wa1ion/pictures1/split_superloop_201709.gif