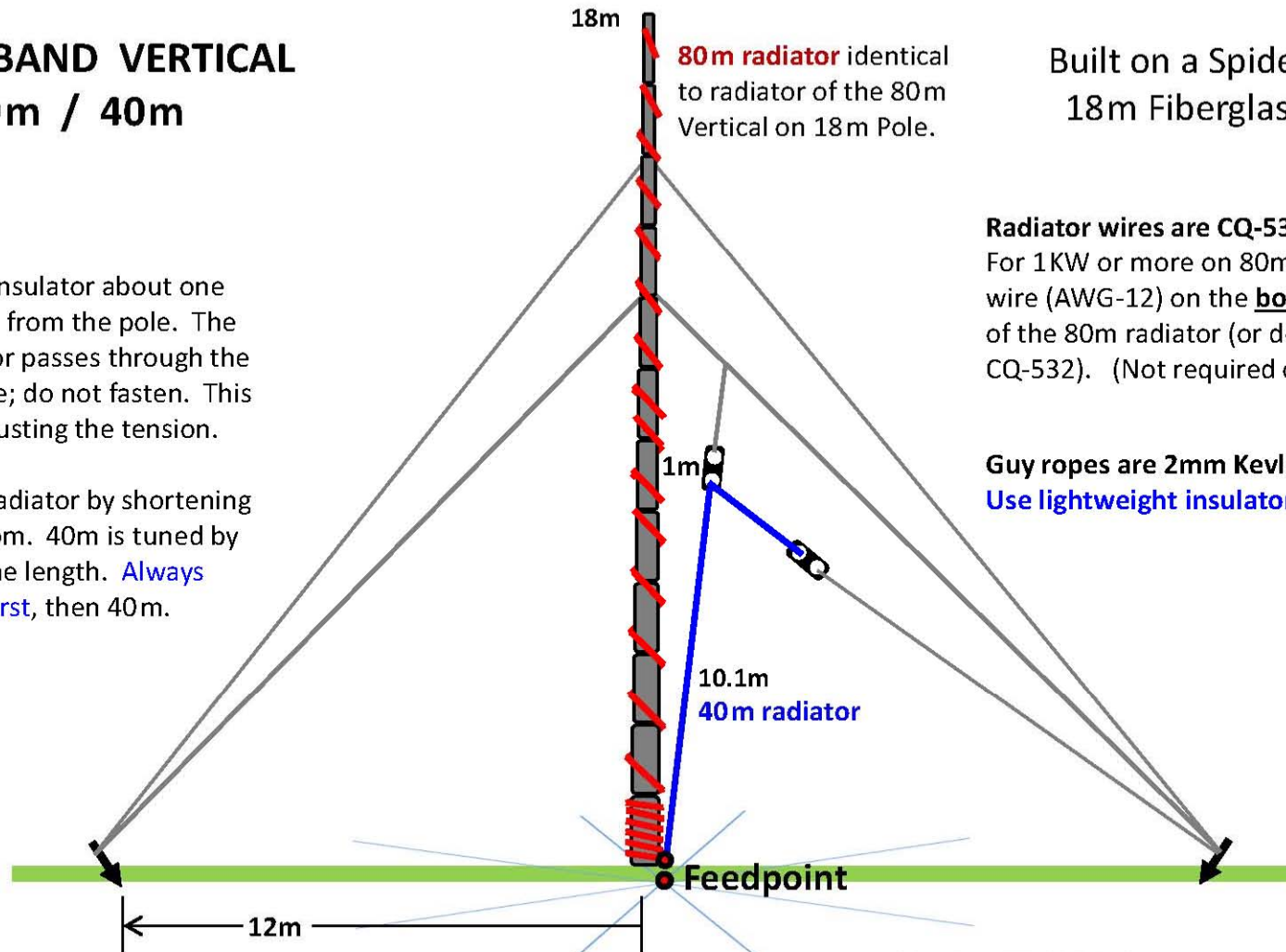


# DUAL – BAND VERTICAL 80m / 40m

Space first insulator about one meter away from the pole. The 40m radiator passes through the Bottom hole; do not fasten. This enables adjusting the tension.

Tune 80m radiator by shortening at the bottom. 40m is tuned by Adjusting the length. **Always tune 80m first, then 40m.**



Built on a Spiderbeam  
18m Fiberglass Pole

Radiator wires are CQ-532 (AWG-18).  
For 1KW or more on 80m, use 2mm wire (AWG-12) on the **bottom** half of the 80m radiator (or double the CQ-532). (Not required on 40m).

Guy ropes are 2mm Kevlar.  
Use lightweight insulators!

**Ground radials are required.**

Use 8 to 16 ground radials (or more), 12 to 20m long. Space radials symmetrically around the pole.

Feed with 50Ω Coax.  
Use optional CMC Choke (preferred).  
Feedpoint ~5-10cm above ground.