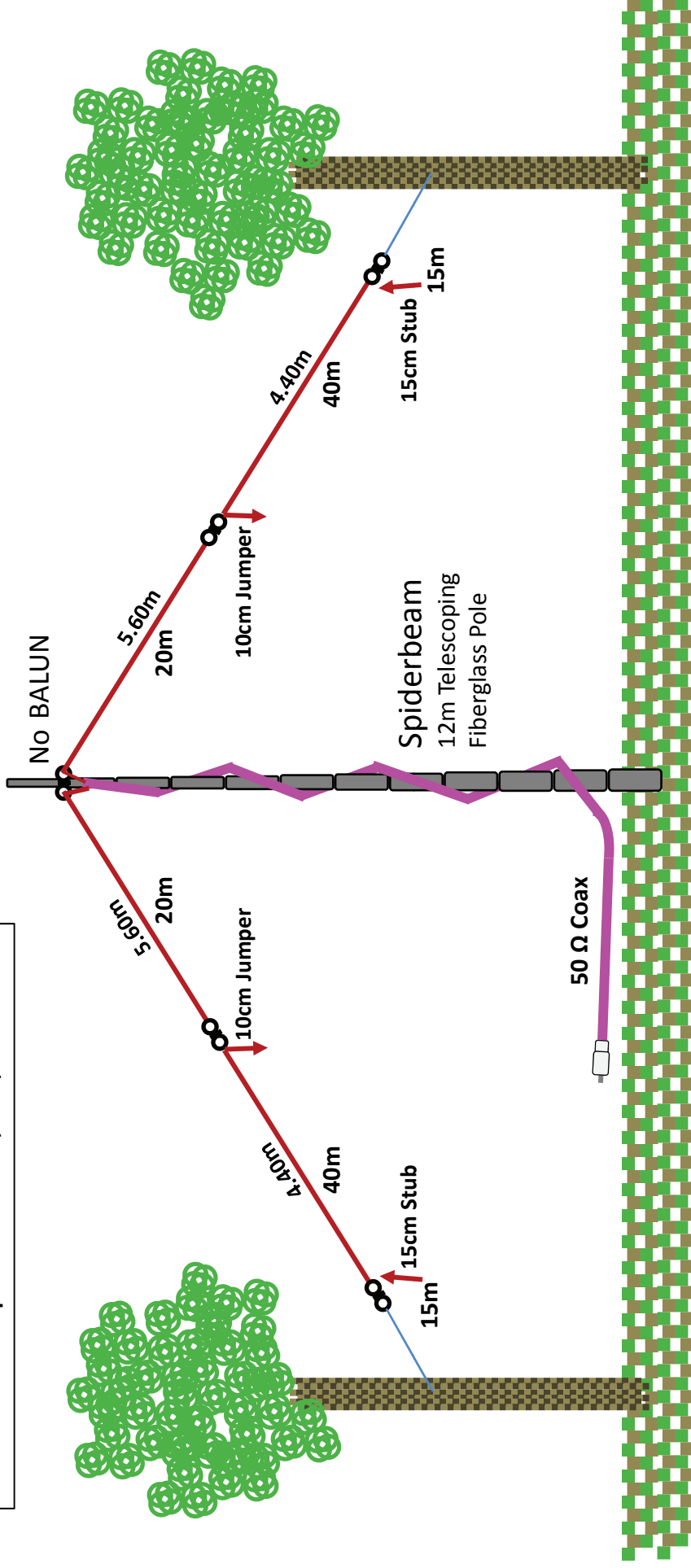


## Tri-Band Dipole for 40, 20, & 15m



- Do not try to place the feedpoint all the way to the top. How high you can go depends on the weight of your antenna and coax.
- It is very important to use lightweight components; CQ-532 wire, lightweight insulators, PVDF Monofil Line, RG-58, LMR-240 or AIRCELL-5
- For low power levels (50w or less), you may also use RG-174.
- Spiral coax gently down the pole, about one turn per meter. (not critical) This helps distribute the weight equally around the pole.
- For jumpers and stub, use a good quality alligator clip or banana plugs/jacks.
- Do not use a BALUN. If desired you may place a coaxial choke at the base of the pole, such that it does not apply pressure to the pole.
- RF-Choke: wrap 10 to 12 turns of the coax around a short piece of 3" (8cm) OD PVC pipe. (size of pipe is not critical)
- For temporary (portable) use, generally no guying is needed if you use a good quality pole. If high winds are expected, guy with two lightweight ropes (PVDF Monofil Line, or thin Kevlar), 90 degrees rotated from the dipole.
- For permanent installations, also guy the pole in 4 directions at the 7m level using lightweight (2mm) Kevlar rope.