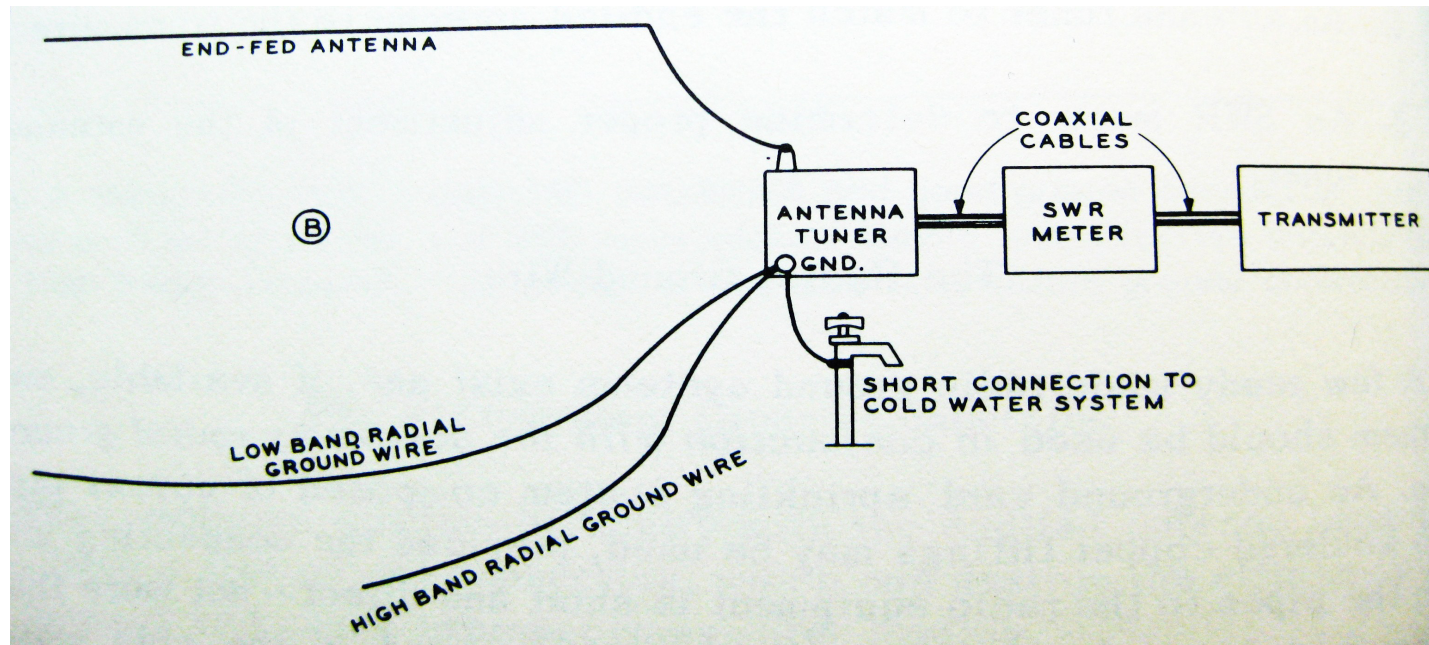


# Long-Wire Antennas

## End-Fed Wire



- Length for “all-band” coverage: Half-wavelength on lowest frequency.  
80-10 meters: 135 feet, 40-10 meters: 67 feet
- Can result in RFI and RF burns from “hot” surfaces if high voltage point is in shack
- Tuned radials (quarter wave) enhance ground performance and make antenna easier to tune
- Can also use tunable Artificial RF Ground (MFJ-931) in ground lead to put station at RF ground potential (easier tune-up, no RF hot spots)