Calculating Exact Feed Point Locations

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End-fed long wires have high impedance; center feed is low impedance.
For off-center feed, choose a ratio that yields 200-3000 ohms.
Use current distribution: feed where current is not at a null.
For L = 1/2 lambda, center feed is typical; for 1 lambda, avoid center.
Model impedance vs position and choose a point for your transformer.
Verify with VNA or tuner measurements in the final installation.