

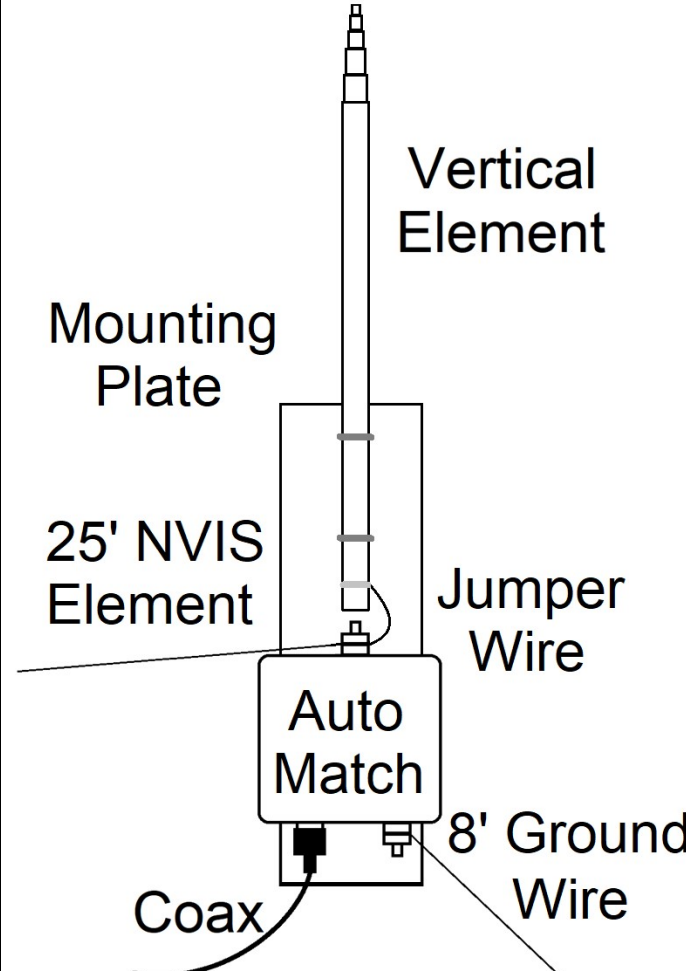
# Field Guide

## HF Base HD Antenna

### Operation

This is a multiband system that allows SWR to be tuned by an external antenna tuner if it is installed over poor ground or not placed in a clear area. If installed in a clear area and over a ground with good conditions, then a tuner is not needed.

### Deployment



**NOTE - Never loosen any permanently affixed bolts, washers, or nuts on the match.**

Step 1 – Deploy the vertical element and secure each section with the included clamps.

Step 2 – Install the antenna on your 1.25" mast using the included U-Bolts. Alternatively, install the Mounting Plate on a wood fence post using four large wood screws, after removing the two mounting the U-Bolts.

Step 3 – Secure the 25' horizontal wire and the jumper from the vertical element on the top bolt of the Auto Match then deploy and attach the 8' Ground Wire on the bottom bolt of the Auto Match.

**NOTE – Signals will launch both above the antenna and away from the 25' NVIS Element.**

Step 4 – Pull the wires in Step 3 out as you would guy wires, then push the included metal stakes on the 25' horizontal wire and the 8' ground wire and into the ground.

Step 5 – Attach your coax from your tuner to the SO-239 on the match.

### Specifications

ITEM	LEADING PARTICULARS
Operating Parameters	MAX POWER: 250W SSB, 125W CW, 25W Digital FREQUENCY COVERAGE: 10-80 meters (29.7-3.5 MHz)
Polarization	Horizontal and Vertical polarization
Input impedance	50 ohms
Azimuth	Semi-Directional
Elevation	NVIS & DX
Wind and ice	Guyed 95 MPH & non-guyed 85MPH wind with no ice.
Stored/Deployed height	Stored height 42 inches & Deployed height 19 feet