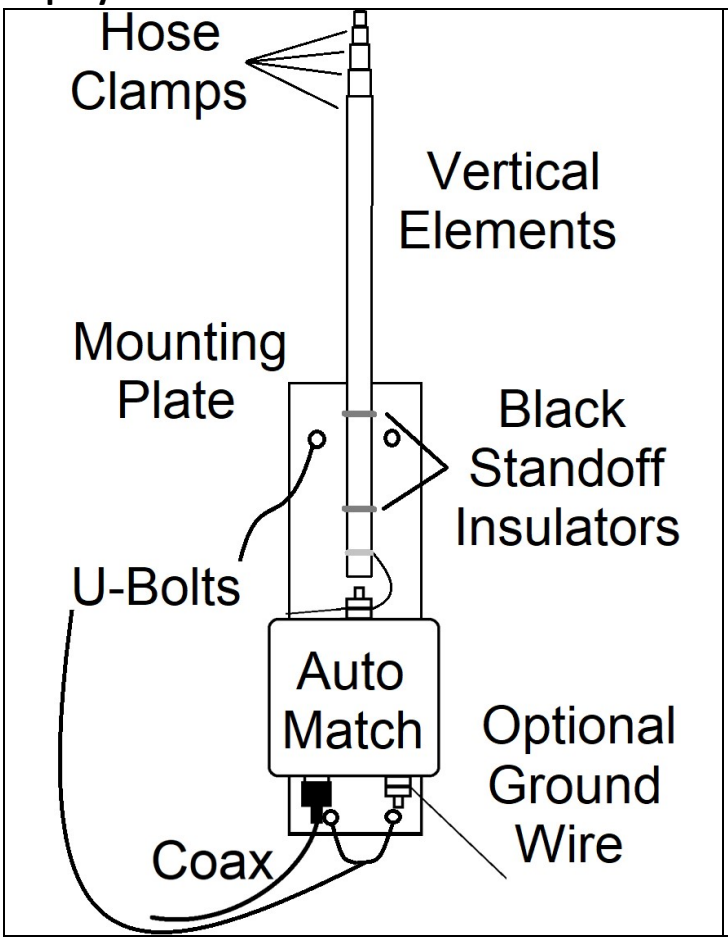
Field Guide
ProMaster DX

Alpha Antenna

Operation

This is a multiband system that allows SWR to be tuned by an external antenna tuner if it is not placed in a clear area. Otherwise, an internal antenna tuner can be used for best results. **Proper RF grounding of equipment is necessary.**

Deployment



NOTE – Use the included Ring Terminal on the bottom of the Auto Match to install an Optional Ground Wire if necessary.

Step 1 – Install & Guy your 1.25" mast.

Step 2 – Install/Insert the Vertical Elements into the included Black Standoff Insulators on the Mounting Plate.

Step 3 – Extend the vertical elements and secure each section with the included Hose Clamps.

Step 4 – Install the Mounting Plate with Vertical Elements on your 1.25″ mast using the included U-Bolts.

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

OPTIONAL Step 6 – Install a ground wire to an adequate ground to reduce noise levels and SWR, which can be necessary if your equipment does not have a proper RF ground.

Specifications

ITEM	LEADING PARTICULARS
Operating Parameters Operational Frequencies Polarization Input impedance	MAX POWER: 250W SSB, 125W CW, 25W Digital COVERAGE: 3.5 - 57 MHz TX, 2.0 - 90 MHz RX Vertical polarization 50 ohms
Azimuth Elevation	Omni-Directional NVIS & DX
Wind rating Stored/Deployed height	Wind rating without ice: 85 MPH Stored height 6-feet & Deployed height 27-feet