

α ALPHA ANTENNA®

VHF UHF HF EmComm Loop

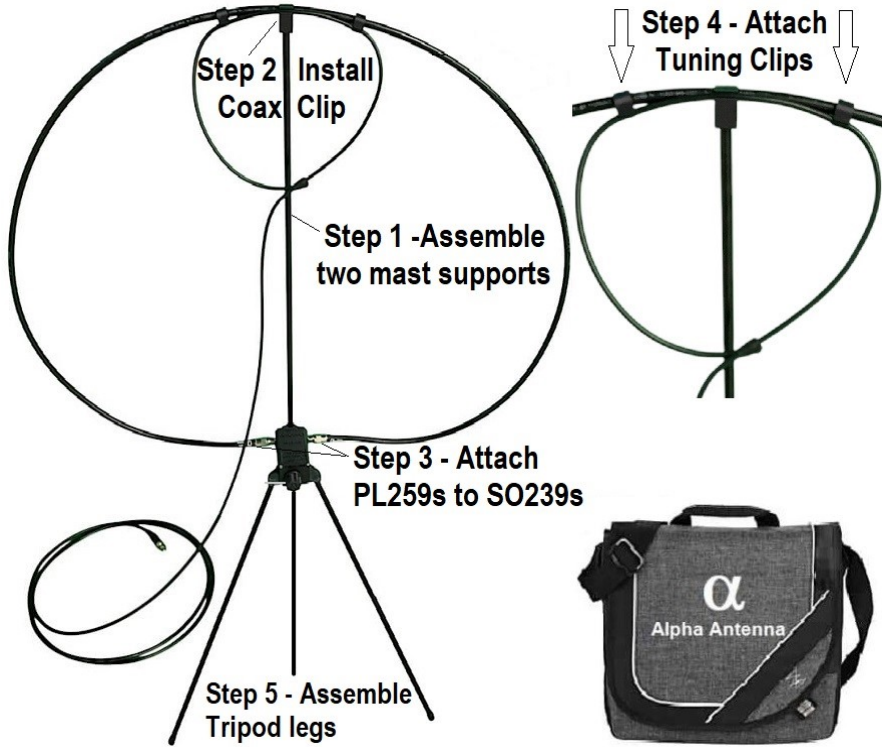
Description

The VHF UHF HF Alpha EmComm Loop includes a feed line with low loss BNC connector, plus built-in and removable tripod legs, making this a perfect POTA, SOTA, home, or portable antenna.

SUPPORT: Please feel free to email us at alphaantenna@gmail.com if you have any questions.

Deployment

Use lowest power setting while tuning.
Properly adjust Mic Gain before using SSB/AM/FM modes.



ASSEMBLY
Step 1 – Assemble the two mast supports, then insert this center mast into the top hole on the tuning box.
Step 2 – Place the Top center Coax clip at the top of the mast.
Step 3 – Screw the PL259 connectors on the Outer large loop onto the SO239 connectors on the tuning box.
Step 4 – Ensure the two ‘Tuning clips’ are installed on the inner/outer loops.
Step 5 – Install on a tripod with a 1/4 20 thread or install the included tripod legs by inserting them into the bottom holes on the tuning box.

TUNING INSTRUCTIONS
HF: Turn the tuning knob first then adjust 2 tuning clips (in/out) at the top of the loop for lowest SWR, repeat. A tuning rod is included, which can be stored in the hole in the housing or inserted into the hole on the knob to make tuning easier.
VHF/UHF: Adjust 2 tuning clips (in/out) for lowest SWR.

Specifications

PARAMETER	LEADING PARTICULARS
Operating Parameters	MAX POWER: 100W PEP SSB, 50W CW, 25W Digital
	FREQUENCY COVERAGE: 7MHz to 21.450MHz plus 2 Meters and 440MHz
	IMPEDANCE: 50 ohms
Usage Parameters	DIRECTIONALITY: Semi-Directional
	PURPOSE: NVIS & DX
Physical Parameters	IP RATING: IP-53
	WEIGHT: 24 Ounces or 0.68Kg