Product Overview

Portable/home magnetic loop for HF 15-40 meters plus 2M and 440 MHz features built-in and detachable tripod legs, with an available option for 6-20 meters.

Use our Make an Offer Program and Click this button if you can't afford full price.

Make An Offer (Without Options)

Key Specifications

Specification	Details
Coverage	15-40M plus 2M and 440 MHz
Power	100W PEP SSB; 50W CW; 25W Digital/FM
Operating range	-15 to 150 F
Environmental Ingress protection	IP-53
Deployed diameter	approx. 3-feet
Antenna weight	24 oz

What's Included

- Two-piece mast
- 3 tripod legs
- Tuning box
- 5/8-11 mount
- BNC-to-PL259 adapter
- LMR400 outer loop
- Shielded Faraday loop with 9-ft feedline
- Field bag

Videos

Setup and Operation

Assemble the two-piece mast, install tripod legs, outer loop and inner shielded loop,

then manually tune the HF loop. VHF/UHF do not require retuning according to the page.

Best For

- POTA/SOTA and portable operating
- Balconies/desktops and limited spaces
- HF/VHF/UHF operation with compact loop form

Bandwidths

These are the bandwidths for the EmComm Loop before it needs to be retuned.

40 Meters = 28KHz	30 Meters = Covers the entire band
20 Meters = 60KHz	17 Meters = Covers the entire band
15 Meters = 180KHz	VHF/UHF = Pre-tuned, needs no adjustments

Expansion options

- SWR Sounder, MD tripod, and 6-20M Stealth MagLoop element are offered as options.

Support Resources

- User Manuals: Alpha Antenna User Manuals hub.
- Videos: Related videos.
- Guidance / FAQs: Available HERE.
- Customer Reviews: Scroll to bottom of this page.

We Listen

We are dedicated to improving all of our systems. Specifications and descriptions are subject to change without notice.

5.0

★★★★★

★★★★★

Based on 121 reviews

5★
99
99%
4★
1
1%
3★
0%
2★
0%
1★
0%

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Most Recent

1. RY

Protected_User_c724edc4
Reviewer
Featured Review
September 23, 2026

★★★★★
★★★★★

100 Watt VHF UHF HF EmComm MagLoop

Verified review - view original

Thank you to Alpha Antenna for making the antenna buying experience top-notch! Steve was incredibly responsive whenever I had questions during the purchase process, as well as after setup when I ran into trouble getting it to tune. The customer support doesn’t end once the sale is made—they truly stand by their products.

2. H

Protected_User_88fbca0a
Verified owner
November 12, 2026

★★★★★
★★★★★

100 Watt VHF UHF HF EmComm MagLoop

Verified review - view original

3. RM

Protected_User_e92c6ebf
Verified owner
October 25, 2026

★★★★★
★★★★★

100 Watt VHF UHF HF EmComm MagLoop

Verified review - view original

Good but hard to get the exact roe with the knob . Ft8 I think is good use because don’t need to move the knob

4. A

Protected_User_c07bd9cb
Verified owner
September 6, 2026

★★★★★
★★★★★
100 Watt VHF UHF HF EmComm MagLoop

Verified review - view original

5. EF

Protected_User_60f85f39
Verified owner
July 27, 2026

★★★★★
★★★★★
100 Watt VHF UHF HF EmComm MagLoop

Verified review - view original

Works as advertised! I am completely satisfied with both the product and the service.

Show more reviews (116)