Product Overview

Compact tuner-free portable 6-80 meter standing-L system with ground-spike or user-supplied raised tripod deployment.

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
Bands	6,10,12,15,17,20,30,40,60,80M
Power	250W PEP SSB; 125W CW; 25W Digital
Weight	80 oz
Stowed	19 x 10 x 5 in
RF connection	SO-239
Impedance	50 ohms
IP rating	IP-53
Environmental range	-15 to 199 F; winds to 35 mph

Best For

- Stealth/compact portable HF
- Directional DX and NVIS
- Field teams wanting smaller packed size

What’s Included

- Auto Match
- 9 ft 4 in MilStick
- Raised-deployment mast mount
- Ground spike
- 25-ft NVIS wire
- 8-ft ground wire

- Non-padded bag

Setup and Operation

Use the included ground spike for low/stealth NVIS-oriented deployment or a user-provided 1-in OD tripod mast for raised deployment.

Videos

Performance and Technical Data

Analysis

Analysis at the antenna when properly deployed on the tripod with Vertical, NVIS, & Grounded Counterpoise elements without a tuner. An external antenna tuner can be used if the antenna system is deployed over a poor ground or not placed in a clear area.

SWR Analysis using Whip & NVIS

Warning

Never Remove or Loosen any of the Bolts, Washers, Nuts, or Caps on the AutoMatch.

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 85 reviews
5★
100
100%
4★

0%
3★
0%
2★
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Most Recent

1. P

   Protected_User_ec367740
   Reviewer
   August 25, 2026

   6-80M MIL EmComm Stealth Antenna

   Verified review - view original

   Exerlent antenna and well built easy to deploy

2. CG

   Protected_User_a5566ca6
   Verified owner
   September 17, 2025

6-80M MIL EmComm Stealth Antenna

Verified review - view original

3. BG

Protected_User_1e910574
Verified owner
August 4, 2025

★★★★★
★★★★★

6-80M MIL EmComm Stealth Antenna

It works well enough if switching bands frequently is needed. To improve the SWR on the 40 meter band, I used the 17′ adjustable whip and things improved quite a bit across all bands.

For use on the 20 meter band the POTA Performer is hard to beat but the Alpha Mil 2.0 is better if band hopping is needed.

4. TR

Protected_User_7741f114
Verified owner
May 15, 2025

★★★★★
★★★★★

6-80M MIL EmComm Stealth Antenna

This antenna system meets all of my desires for portable operation. It is easy to deploy. It is compact. I am able to blend it with non Alpha components for flexibility and experimentation without any problems. Most importantly I am having fun with it.

5. DC

Protected_User_3dce0d7a
Verified owner
February 11, 2025

★★★★★
★★★★★

6-80M MIL EmComm Stealth Antenna

Verified review - view original

Your xompany always goes the Extra Mile in Quality, Customer Service and Selection! That’s why I have so many. Plan to add your new EmComm Mag Loop with the small legs when I can save up some extra cash.

Do you know if that one be on sale before summer? Regular price is listed as $399.

Thanks.

Show more reviews (80)