# Product Overview

A tuner-free system for 6-80M that delivers efficient and effective NVIS, DX, and ground-wave signal patterns.

1. **Saves Time:** Sets up in less than 5 minutes ⚡
2. **Clear Choice:** Provides touch free and tuner-free operations from 6-80M 
3. **Superior Design:** Provides low noise receive and high output from a balanced design 
4. **Assurances:** Free Lifetime support PLUS Limited Lifetime Warranty 
5. **Community:** Over 10,000 worldwide users 

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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 |
| **Antenna type** | OCF Vertical L-Dipole |
| **Impedance** | 50 ohms |
| **RF connection** | SO-239 |
| **IP rating** | IP-53 |
| **Environmental range** | -15 to 150 F; winds to 35 mph |

# Best For

- Portable EmComm and military-style field operation
- Tuner-free multi-band HF
- Rapid deployment with included tripod

# What’s Included

- Heavy-duty aluminum tripod
- Tripod adapter
- Auto Match
- 9 ft 4 in MilStick
- 25-ft NVIS wire
- 8-ft grounded counterpoise

# Setup and Operation

Deploy tripod, vertical, NVIS and grounded-counterpoise elements over real ground. The page states setup under 5 minutes.

## Videos



# Performance and Technical Data

# Analysis

Analysis at the portable HF 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.

# Signal Pattern

Elevation/Azimuth signal patterns with default configuration.

(BLUE is from the Side & RED is from Above of the antenna)

## 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 122 reviews
5★
98
98%
4★
2
2%
3★
0%
2★
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1. J

Protected_User_ce729ec7
Verified owner
Featured Review
July 9, 2026

6-80M MIL EmComm Deluxe Antenna

Verified review - view original

This is my first Alpha Antenna. I found myself needing an easily deployable antenna that is ADA compliant. This antenna meets all my expectations and works well. I can easily operate wheelchair/rollator/patio portable now.

I had a 1.1:1 match on 20m with my KX2 today using only the short ground wire. Great company with a great product. I would highly recommend. Thank you Steve.

2. R

Protected_User_ea812f53
Verified owner
November 1, 2026
★★★★★
★★★★★
6-80M MIL EmComm Deluxe Antenna

Verified review - view original

First I am impressed with the total quality of the entire package. It is built to withstand the elements. Second the operation is effortless and if the bands would behave ( which is no fault of the equipment ) I would be a happy camper. I am using the antenna in my fenced in back yard as a semi permanent installation. I do not want towers ect not due to HOA I have none but my preference . So bottom line I highly recommend!!!

3. AT

Protected_User_88d4f307
Verified owner
July 7, 2026
★★★★★
★★★★★
6-80M MIL EmComm Deluxe Antenna

Verified review - view original

I am using this antenna on every outing now I just can’t believe how well it works, fantastic product and will be ordering another in the future

4. KN

Protected_User_6b07f0be
Verified owner
June 17, 2026

★★★★★
★★★★★

6-80M MIL EmComm Deluxe Antenna

Verified review - view original

I’m very impressed with this antenna and it’s quick and easy to deploy. It performs well on all bands. A great set-up for FD and POTA ops.

5. DG

Protected_User_1d47f3ba
Verified owner
June 7, 2026

★★★★★
★★★★★

6-80M MIL EmComm Deluxe Antenna

Verified review - view original

This antenna and tripod together are wonderful. It is easy to set up and take down, and the field flexibility is out of this world. It is phenomenal, and I just wish I could have obtained it sooner.

Show more reviews (117)