

6-80 meter 34-foot HF end-fed that also works as a CB Antenna, which needs an external tuner to work on 80 meters.

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Specifications

- Frequency Coverage: 3.5-54 MHz (80-6 Meters).
- Peak Power: 250 PEP SSB, 125 CW, or 25 watts for digital modes. NOTE – The MIL-STD-188 M110a digital communications mode is rated at bursts of 100 watts digital for up to 1 minute using the MIL-STD Data Modem Terminal (MS-DMT) and Automated Message Terminal (AMT) software applications.
- Weight: 1 pound.
- Configuration: End-fed configurable as Sloped or Horizontal.
- Length: 34 Feet.
- Connector: UHF type SO-239.

Analysis

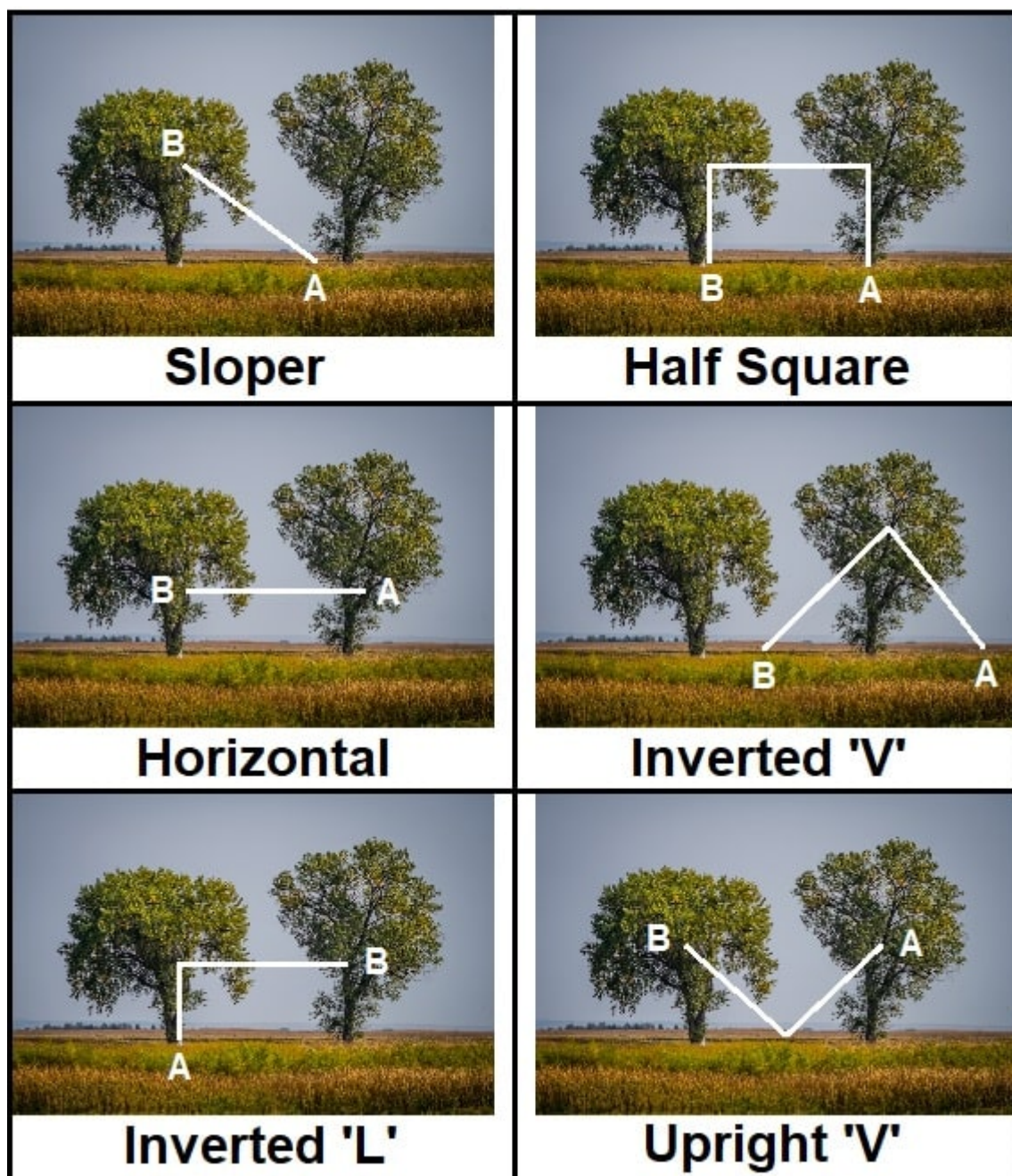
34 Foot element.

Band.	SWR
6 Meters.	1,50.
10 Meters.	2,39.
12 Meters.	2,49.
15 Meters.	1,60.
17 Meters.	2,9.
20 Meters.	2,5.
40 Meters.	2,9.
80 Meters (External Tuner Required).	5,5.

Deployment

Run the antenna as a sloped system for good NVIS and DX results, or a flat top for good NVIS results. We test the antennas at 6 feet, however higher placement will enhance DX results while lower placement will enhance NVIS.

[Click Here](#) or the Image for the Configurations Page



Assistance

[FAQs: End fed Sr and Jr antennas - Alpha Antenna](#)

We listen!

We are dedicated to improving all of our [Base VHF UHF HF Antennas](#). Specifications and descriptions are subject to change without notice.

5.0



Based on 74 reviews

5★

100

100%

4★

0%

3★

0%

2★

0%

1★

0%

🔍 ✕

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1.



Protected_User_5852e358

Verified owner

August 23, 2026



6-80M HF End-Fed HF and CB Antenna



[6-80M HF End-Fed HF and CB Antenna](#)

Verified review - [view original](#)

I have heard great things about this antenna from my Dad whom I bought it for. Customer service was quick and friendly. Would recommend both this antenna and Alpha Antennas as a company to anyone interested in Ham Radio.

TC

2.

Protected_User_9e006b41

Verified owner

April 10, 2026



[6-80M HF End-Fed HF and CB Antenna](#)

Verified review - [view original](#)

Heavy duty antenna, great company to work with! Will go back and refer others to them!

DN

3.

6-80M HF End-Fed HF and CB Antenna

Protected_User_d3b25d6f

Verified owner

March 29, 2026



ALPHA*



[6-80M HF End-Fed HF and CB Antenna](#)

Verified review - [view original](#)



4.

Protected_User_d6517f08

Verified owner

March 26, 2026



ALPHA*



[6-80M HF End-Fed HF and CB Antenna](#)

Verified review - [view original](#)

Customer service was excellent. The antenna as I have it set up produces SWR measured with a VNA lower than advertised and is performing on all bands! Thanks.

R

5.

Protected_User_6122e46d

Verified owner

February 1, 2026



ALPHA®



[6-80M HF End-Fed HF and CB Antenna](#)

 Verified review - [view original](#) 

I cannot express enough my gratitude toward Steven and his team at Alpha Antenna. My purchase experience with Alpha Antenna has been truly unique and one of a kind. In addition to manufacturing high-quality products, their customer service team goes above and beyond—even on a Sunday (sometimes it's Steve himself!).

I had an accident with my dipole about a week after purchasing it, and they immediately knew how to take care of the situation and get my antenna back in service. Not to mention their fast shipping—my repaired dipole was back at my house just three days later. This is a highly recommended company in my book. Thank you again!!

KK4PEZ

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