Product Overview

Compact 34-foot end-fed HF/CB antenna for 6-80 meters; an external tuner is required on 80 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
Frequency	3.5-54 MHz (80-6M)
Power	250W PEP SSB; 125W CW; 25W Digital
Length	34 ft
Antenna weight	1 lb
Connector	SO-239
Configuration	Sloped or Horizontal

Best For

- Limited-space HF installations
- Portable or base deployment
- NVIS and DX operation where the 60-foot JPole Sr is too long

What’s Included

- 34-foot end-fed antenna system

Performance and Technical Guidance

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.

Setup and Deployment

Deploy sloped for mixed NVIS/DX or as a flat top for NVIS. Lower placement favors NVIS; increased height favors DX.

Setup

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.

Deployment

Reference here for the following: End-Fed HF Antenna Configurations

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 76 reviews
5★
100
100%
4★
0%
3★
0%
2★
0%
1★
0%
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1. K

   Protected_User_04c50a71
   Verified owner
   October 19, 2026
   ★★★★★
   ★★★★★
   6-80M HF End-Fed HF and CB Antenna

   Verified review - view original

   Alpha was great to deal with, the antenna is well built and their shipping was fast!

2. CT

   Protected_User_da021af1
   Verified owner
   October 9, 2026
   ★★★★★
   ★★★★★
   6-80M HF End-Fed HF and CB Antenna

   Verified review - view original

   works well as inverted-V

3. MJ

Protected_User_b655ccbd
Verified owner
August 23, 2026

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.

4. TC

Protected_User_310d155e
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!

5. DN

Protected_User_c4e56da8
Verified owner
March 29, 2026

★★★★★
★★★★★

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

Verified review - view original

Show more reviews (71)