



80-6 Meters End Fed Multi-Band Antenna



I decided to build an 80-6m end fed antenna that I could use for Field Day, Stealth applications, or as a backup multiband antenna while camping or if I have an antenna failure here at home. Over the next few months I looked at using the same basic design I used on the 40-6m build (2016), but use larger Toroids and heavier gage wire for the end fed 9:1 unun build. I also wanted to use this end fed build with both my QRP operations and using my other radios for barefoot operations. Below are the first results using the new design/build.

I now am using a 66 ft wire length and have really been blown away with my first attempt at contacts with the new 80-10m end fed antenna. Below are my first attempts using wire length of 66ft. I called CQ, and did not recognize the call sign that came back. I am use to Canadian call signs but a VK call sign was un familiar. Did a quick check on QRZ.com and wow, I had a Australia QSO contact.—My first! Before the evening was over, I had made contacts in Ireland and all over the east coast and eastern Canada.

I am very happy with the results running the wire as an inverted V at 28ft at the center and 10ft at each end. Have made contact ORP in Guatemala, Japan, and India to mention a few. **More results on reverse side**

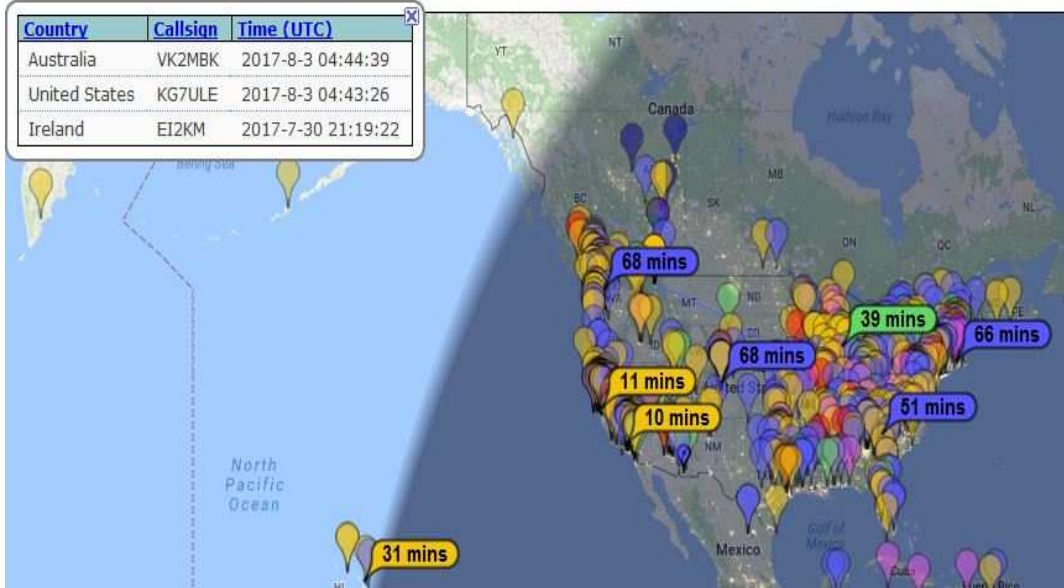
FOR SALE...\$67.00

9:1 UnUn Match Box / 1-Antenna--Multi-Bands/Multi-Uses
(1-100 watts)

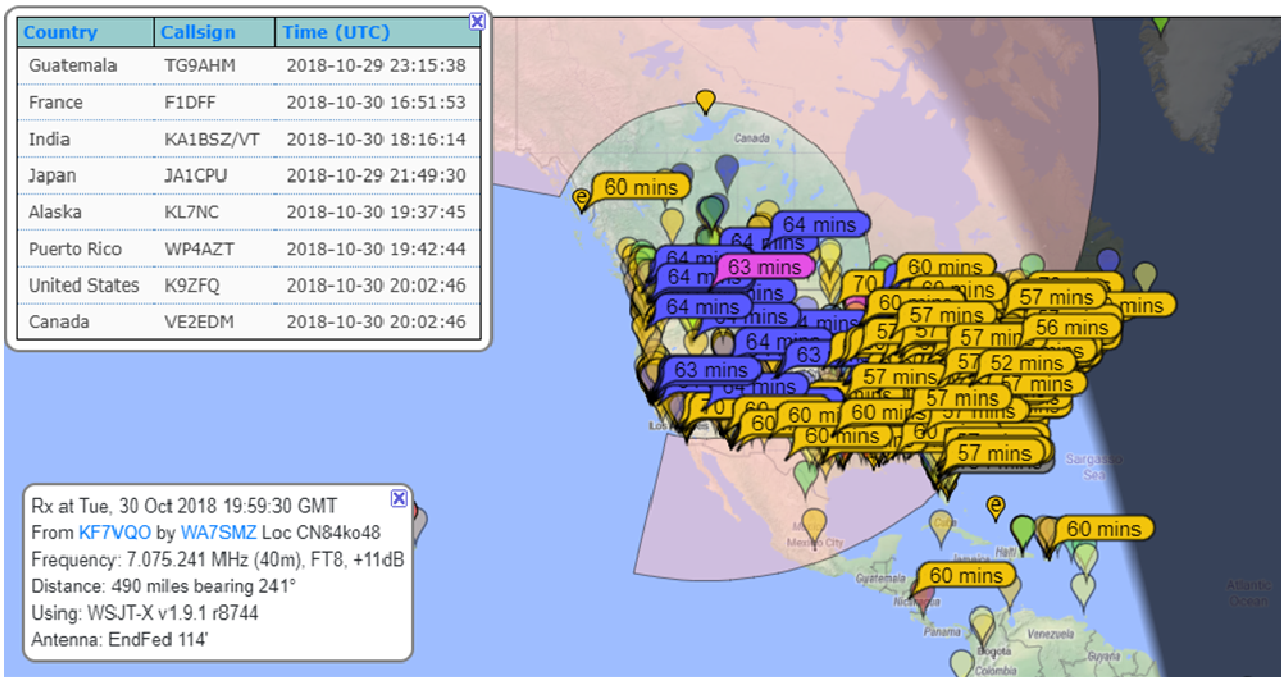
- End Fed HF multiband antenna— convenient, quick, and easy to setup and use.
- Great for portable use or for Stealth applications.
- Mount horizontally, vertically, sloping, even an inverted L with **great performance**
- 6, 10, 12, 15, 17, 20, 30, 40 80 meters (80m with some external tuners)
- Made with best quality components available
- 9:1 unbalanced to unbalanced toroid matching transformer unit (most antenna tuners can produce good results with satisfactory SWR).
- The antenna matching unit can handle up to 100watts of power.
- SO-239 coaxial connector
- Operates with NO need for counterpoise or grounding. (The coax feed (shield) to the antenna matching unit will act as an efficient counterpoise / a 17ft counterpoise or short ground rod good for longer length of antenna wire).
- Comes with 66ft of 18ga Wireman stranded “Stealth” PVC coated antenna wire with soldered, heat shrink coated loop for attaching insulator / Dacron-poly throw line or poly cord.

More information available or to Purchase contact **Gary at KF7VQO@gmail.com**
—Thank you 73s--Gary—KF7VQO

Country	Callsign	Time (UTC)
Australia	VK2MBK	2017-8-3 04:44:39
United States	KG7ULE	2017-8-3 04:43:26
Ireland	EI2KM	2017-7-30 21:19:22



Update—October 2018 results of PSK 31 OSOs on 20 & 40m using the 9-1-1 End Fed 80-6m Antenna using Yeasu FT 817nd (4w) & IC-718 (25w)



Below are some testimonials concerning the 80m-6m end fed antenna!

N5XED

Have mine set up as a ground mounted end-fed vertical on an MFJ 1910 telescoping pole and works like a hose!!!

NB2LEB

I have the end fed mounted 40 feet above ground running from the house to a telescopic pole 71 feet away. The antenna height is 40 feet. It works terrific on all bands. I had contacted Charles Hanebuth at the club before the purchase to inquire about the added length over the 60 feet and he was most helpful. The antenna works great on all bands, and was very easy to install.

KK4WEY

I installed the match box on my mast 14 ft up and the wire is in a slope configuration with it's wire tied to a tree branch at 8 ft above the ground. Using my LDG Z11 pro II, I have worked 10-80m with the SWR averaging 1.75. This antenna is almost invisible and I plan to keep this dipole installed permanently, and hope it lasts.

KK4KLY

Received antenna quickly. My brother in California made the recommendation. Installed it by wrapping it around a Jacktite pole about 32 feet long. I was hearing Lebanon from Virginia. I have made a successful contacts with Lebanon, Russia, Portugal, California, and many other station in US and abroad. Great antenna, great price!

If you have any question or would like to purchase, please call or email me. Thanks for looking at this great little antenna!

Gary Roberts—KF7VQO
PO Box 7
Whitefish, Montana 59937 * KF7VQO@gmail.com**