

Qik-Zepp

(1/2 wL end fed antenna)

Please read the instructions! You'll be glad you did!

www.qikzepp.com

Tel 603-651-0427

What's in the box?

Qty	Part	Qty	Part
1	60 Meter QZ-60 Matcher	1	Drip Dam
1	60M Antenna Wire 95'(un-tuned)	1	QZ-60 Manual
1	End Insulator		

Safety first!

- * Do not install over or around AC power lines or feeders, you could be killed or injured!
- * Do not touch or allow others to touch the antenna while transmitting over 1 KV can be present!
- * RF Exposure, follow the FCC OET Bulletin 65 and Amateur Radio Supplement B to OET Bulletin 65 guidelines. Best practice as usual, use the least amount of power needed.

Tips & Advice

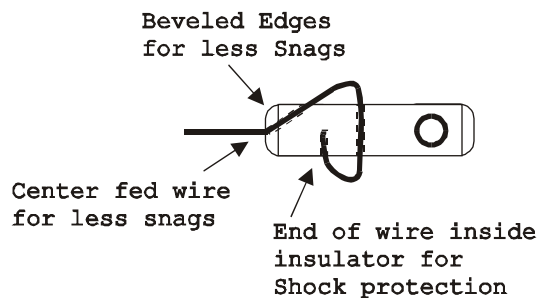
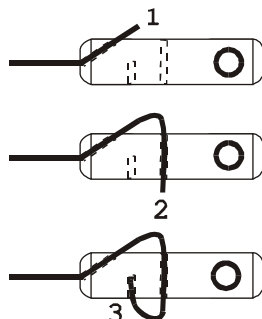
- This is a Single Band Antenna, DO NOT try to force it onto other bands!
- Do NOT USE conductive guy lines to support it, and never tie directly to trees without using a pulley system!
- Deploy away from other antennas or metal if possible.

Putting it together:

1. In the shipping box you will find the matching unit for 60M with a ~95 ft radiator(un-tuned) permanently attached. Under the U.S. FCC regulations for 60M you can only transmit up to 50 W PEP output relative to a half-wave dipole on channelized frequencies. As the QZ-60 is a half-wave dipole there is no need to figure out the gain of the antenna, as long as you don't input more than 50 W PEP you will remain legal.
2. Drip Dam(optional) Helps prevent water/rain from running down the antenna wire to the operating position. Squeeze and slide the non-conductive Drip Dam over the open wire end before final insulator install.



3. **Installing insulator**--thread wire thru per diagram below and it will self lock in place.



4. **Initial Tuning the antenna**-- Initial tuning should be done with the coaxial cable that you will using, preferably connected an antenna analyzer or secondarily an SWR meter. The antennas out of the box are long(lower in frequency than they should be) so that the free end of the antenna may be cut back to raise the resonant frequency. Proceed slowly and methodically by positioning the antenna as you will most likely use it. Measure the antenna resonance first and clip off no more than one inch to begin tuning. If using an SWR meter you will need to take several sample readings low/middle/high of your frequency of interest with each cut of the wire. The QZ-60 has a 1.5:1 bandwidth of 250KHz and therefore will cover the entire 60M band. If you're finished tuning then thread the wire through the insulator per Step 3 which locks the wire in place and buries the exposed wire tip in the center of the insulator for additional shock protection.

SPECIFICATIONS

Output Impedance: 50 Ohms

V.S.W.R. Bandwidth: 250KHz 1.5:1

Power Handling: 50W

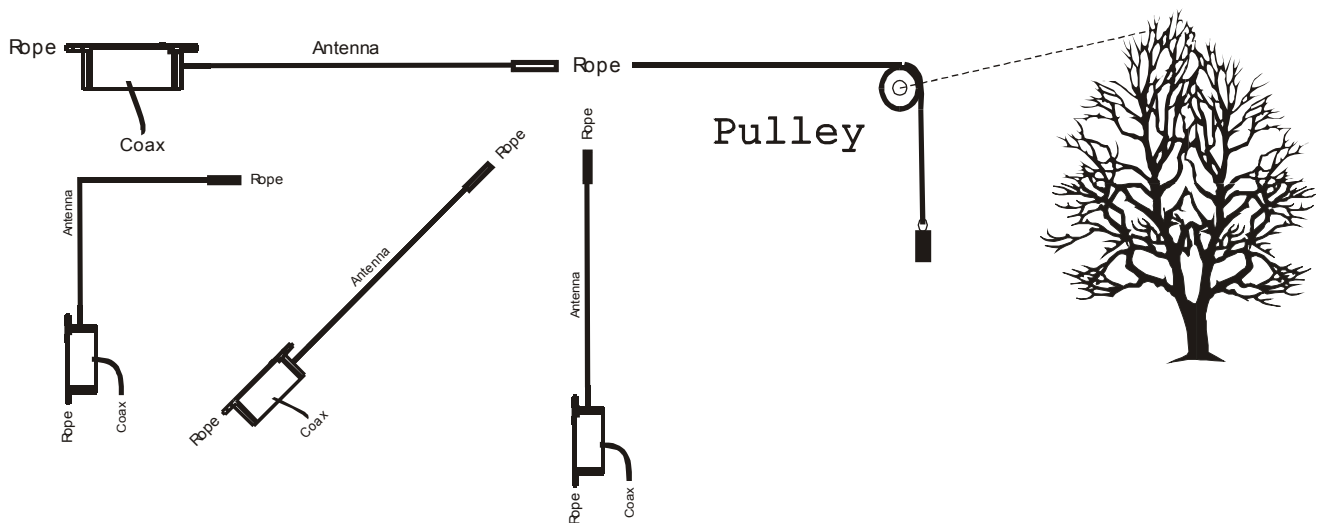
Weight: 0.5 lbs

Length: 95' un-tuned

Hardware: Stainless Steel & Nickle Plated Brass

Connector: Silver/Gold/Teflon SO-239

Antenna wire: #18 black poly stranded CCS



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