

KL7JR Bent Inverted L

Can't put up an antenna? Well then hide it.

I went from struggling to make contacts off my 4th floor apartment balcony using Hamsticks to playing with various wire antennas, yet I still wasn't satisfied with the performance. I cut off one leg of the "T Vertical" with the Slinky end to make it an Inverted L or a bent vertical, however you want to call it. When I added a coil and tossed the end up on the roof, it all changed for the good! (coil is #16 wire wound on a 3/4" PVC pipe at about 12 inches long. I then inserted that inside a 1 1/4" pipe to further insulate vertical radiator from concrete floor moisture.)



15 ft coil to achieve 75m!

Since I wasn't allowed access to the roof, and I figured so, the next best thing was to toss the end up to the roof. (honest apartment manager, I don't know anything about that wire!) I don't know what else to call this monstrosity. It works and that's all that matters. The vertical radiator from the coil up on the roof is about 30 feet in length. I now have what I strived for- 10-75m capability on one antenna. With a 30 ft coil it didn't like 75m. It would tune but not transmit well. I knew that going in as a starting point for the coil length. Cutting the coil back to 15 ft long did the trick! SWR is 2.7:1 and is "friendly" to my external or internal tuner. To make this an EFHW all I need to do is add a 9:1 or 49:1 balun which I may do later on for S&G, hi hi! So far this week, I've worked a dozen different Ben

Franklin states each on 40 and 75m plus I got a 3x3 from Croatia last night and a 2x2 from Hawaii earlier on 40m! Maybe not impressive numbers, but the contacts count! I'm working the west coast again too.

73, de Yukon John, KL7JR
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Don't buy it. Build it!

