

Diamond HF V-728 Dipole

Installed during spring 2004

First of all, many thanks to SM5MX, Rolf, for the help to translate the japanese manual into swedish.

So, how is the V-728 to use as an antenna?

Well - it is small so it is of course bad, it is more than no antenna so it is of course good.



V-728 by night

This dipole is a good alternative if you have lack of space. I live at the moment at the top in a two flats building and have mounted it onto the balcony.

To have in mind when you mount it, is; This dipole is **very** shorten. So no large cuttings, if you need to cut the elements at all.



Cutting and measurements. The 3 elements VHF-Yagi has nothing to do with it - as far as I know.

As it is very short and covers three bands, 7, 21 and 28 MHz, it is very sensitive to everything. So you have to have it mounted when you measure it. I was a bit tired of the climbing up and down the three steps ladder!



Well, if it does not work well as an antenna...it can be something to hold on to.

Much coil and less elements, so when it rains....just listen and do not try to press the PTT.



Balun

I have found the 7 MHz part to be the best, and has managed to have it covered from 7000 up to 7065 kHz without a tuner. There are similar places on the other two bands, but I have not found the antenna to be as good as I want it there.

With a tuner like MFJ 971, I can tune the antenna to all bands except 50 MHz. Low power on VHF and UHF is ok for repeater operations. But no chance to make it work on 50 MHz. Not with the 971 anyway, but it should only cover up to 30 MHz. Having it tuned on 3.5 MHz is a bit tricky and you sure need a good ground for your tuner.



One side of the dipole, and each part showed below.



28 MHz



21 MHz



7 MHz

Will I recommend this antenna?

Yes, if you have space enough for it. It can also be mounted directly to the balcony parapet.