

No tune magnetic windowloop for 20m.

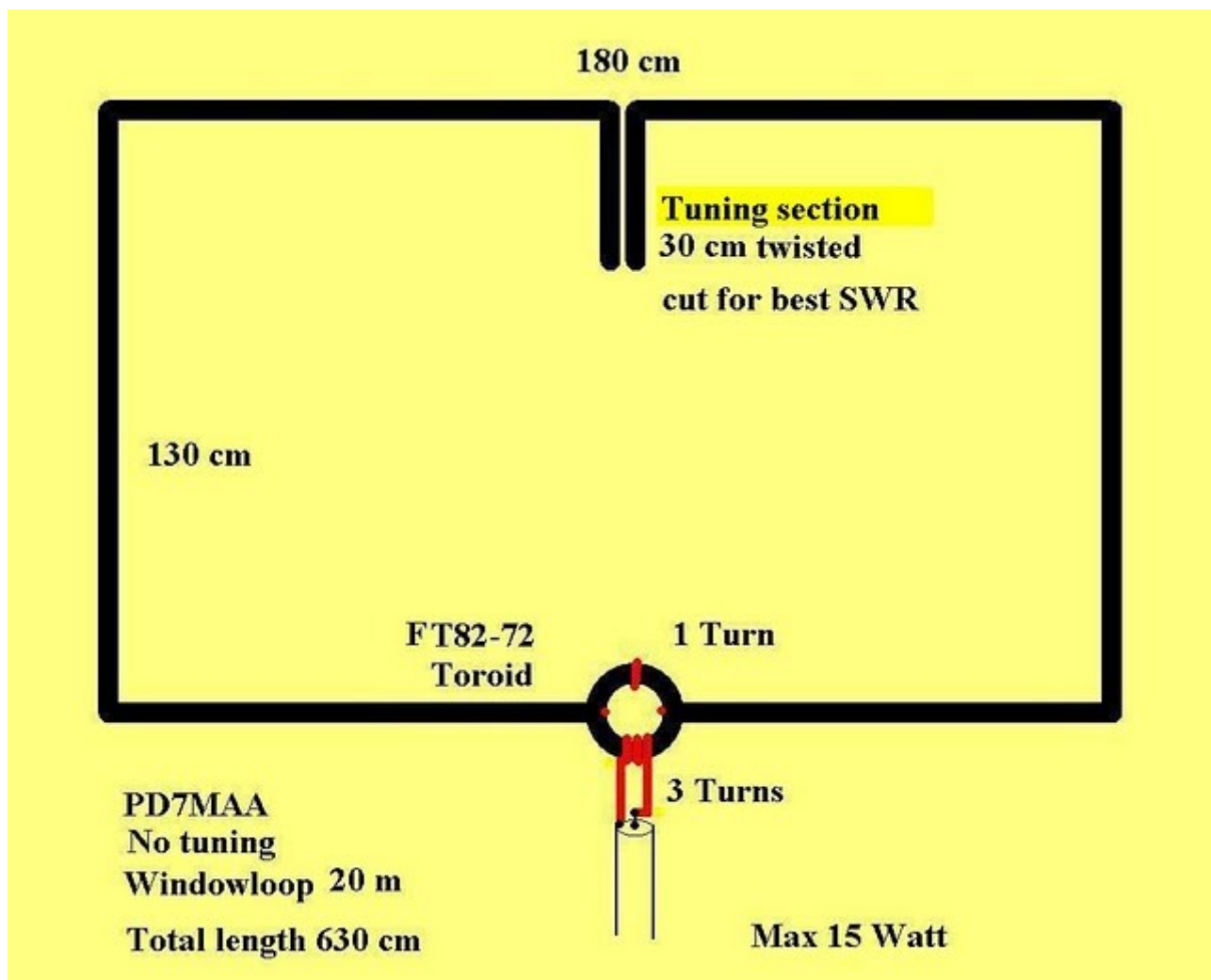
1. A stealth solution for apartments ?

I made a wireloop on the inside of the wooden windowframe in my shack with a circumference of 6,20 meters. The tuning capacitor is made of 20 cm PVC coated copperwire. Feeding is done by a FT82-72 toroid with 1 turn at the antenna and 3 turns at the coax. I used this toroid for it was in stock , however a 4C65 should work even better. For 100 Wats power use only a 4C65 or eq. and replace the tuning section by a pice of RG-213 that forms a high voltage capacitor.

First contact was made with Bari Itali with 5-7 report. This was followed that day by several qso's with HA, YT , and LZ . All made with 3.5 Watts SSB 😊 The antenna needs no tuning for the SWR is lower than 1:1.5 all over the band. This is not a wonder antenna but it gets you on the air for certain.

[You can find toroids and hamstuff at Haje Electronics](#)

Give it a try





WINDINGS CAN VARI BY TOROID TYPE . THE 4C65 WOULD PERFORM
FB

DO YOU LIKE TO EXPERIMENT WITH ANTENNAS ?

Here's all you ever wanted to know about VSWR :

<http://www.amateurradio.org.za/VSWR%20John%20Fielding%20Final.pdf>

Posted by PD7MAA