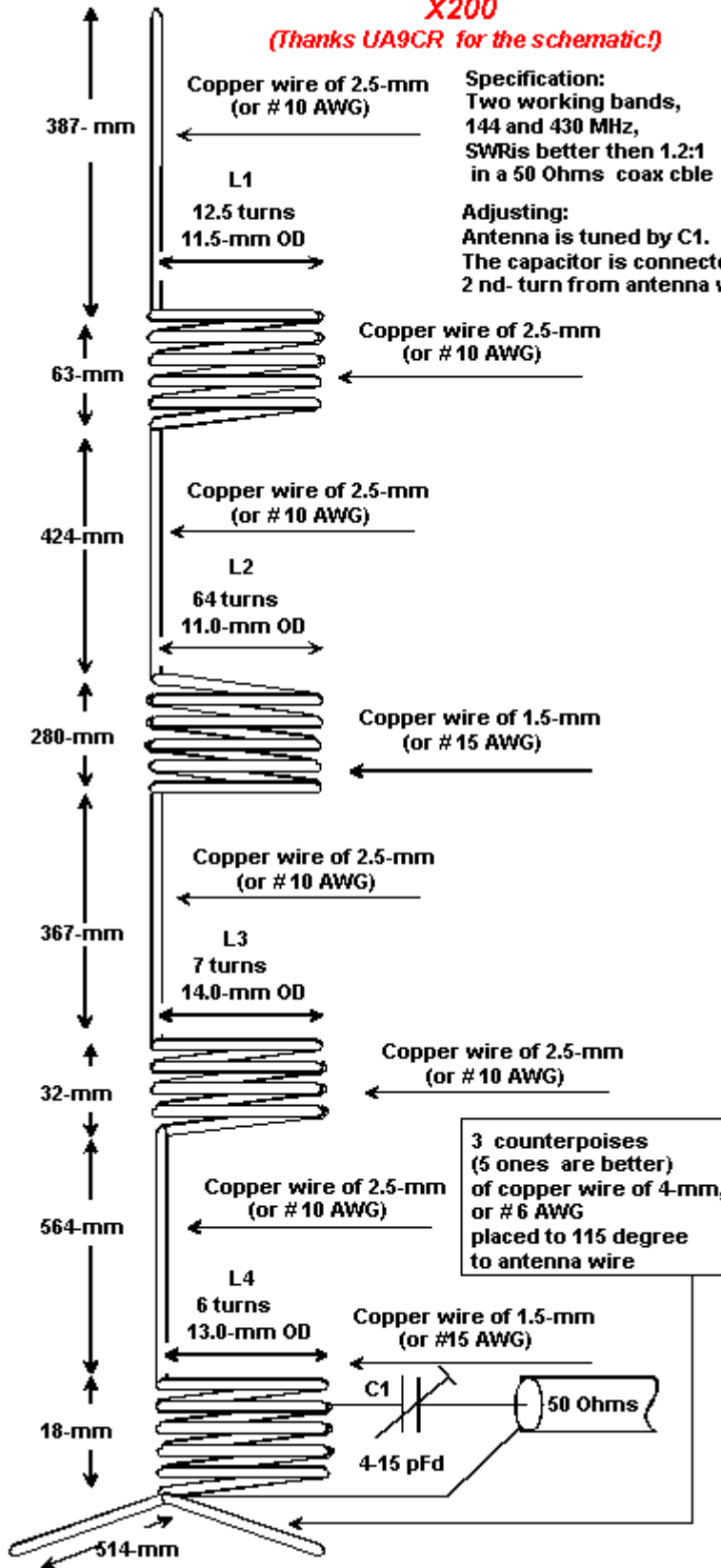


# Antenna X200

X200

(Thanks UA9CR for the schematic!)



**Specification:**  
Two working bands,  
144 and 430 MHz,  
SWR is better than 1.2:1  
in a 50 Ohms coax cable

**Adjusting:**  
Antenna is tuned by C1.  
The capacitor is connected to  
2nd-turn from antenna wire



Александр UA9CR

Dear Friends,

Most of us are heard about VHF antenna X200. It is very interesting and very reliable two bands antenna.

RV9CX made some modifications for the antenna, so, the new RV9CX-X200 is more suitable for doing at amateur conditions. Go to the next page for the new antenna!

Comments about the antenna please send to Dmitry, RV9CX: [rscs@rosteck-msi.ru](mailto:rscs@rosteck-msi.ru)

Also, you can visit to

[www.znuki.ru](http://www.znuki.ru)



The site, where are Dmitry and his friends



**X200**  
*modified by RV9CX*

**Specification:**  
Two working bands,  
144 and 430 MHz,  
SWR: 1.03:1 at 145 MHz  
1.02:1 at 433 MHz  
in a 50 Ohms coax cable

Antenna wire and spools  
L1, L2, L3, L4, ALL is made  
of a whole piece of copper wire  
of 2.0-mm diameter (or #12 AWG)

Antenna wire and spools  
L1, L2, L3, L4, ALL is installed  
inside a plastic fishing - rod

Parameters of L4 is changed  
as to original X200. See the  
schematic for te parameters.

**Adjusting:**  
Antenna is tuned by C1.  
The capacitor is connected to  
1.5 th- turn from antenna wire.  
If antenna has a good SWR  
at 144 and 430, but values of  
C1 are differred on the bands,  
then you should chose  
a tap from L4.

**Attention:** Without C2 the  
antenna works only at 144 MHz.

As RV9CX mentions, the antenn  
works fine for 3.5 years without  
any care to it!

