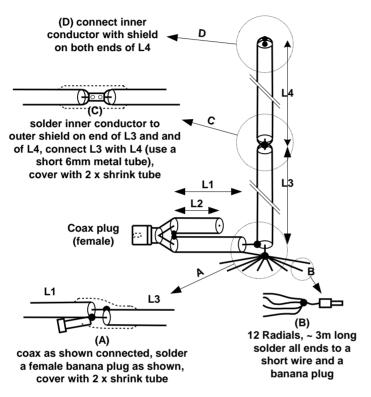
Coax Monopole Antenna by OE1MWW Feb. 2002



usage:
wooden pole into
the ground,
hang coax on
the fishing rod,
mount fishing rod
with straps to the
pole, connect radials
bundle have a lot of DX

Feedpoint impedance of antenna is \sim 36 Ohms YES, it's right, the inner conductor of L1 (feeding coax) is connected to the shield of L3! The radiating part of this antenna is the outside shield of L3 and L4.

L1,L2,L3,L3 is made of Coax RG/58 or RG/213

L1 & L2: use the software "coaxstub.exe" to calculate. http://www.qsl.net/oelmww/coaxstub.exe you need VB6 runtime!

This document can be found at http://www.qsl.net/oe1mww/coax_monopole.pdf

L3 = f/4 * Vk
L4= (f/4 * 0,95) - L3,
tune L4 for best SWR,
important: inner conductor is connected to
shield of L4 on both ends! instead of coax,
you can use also a thick wire for L4.

f in meters of wavelength Vk of coax is ~ 0,66 (RG58U)