

80mLoop

Nederlands (N) / English (E)

e

e/n

Enter information about your antenna project in the yellow cells.

The name of your antenna project

80mLoop

Text

	Symbol	Value	Unit
Enter here your LOWEST frequency	F	1390	kHz
OR enter your LONGEST wavelength here	λ		m
The lowest frequency is	F	1390	kHz
Your largest capacity	C	265	pF
The smallest capacity	c	20	pF
Your coil inductance	L	49,5	μ H
Your highest frequency will be	f	5059	kHz
Is your coil V=Square, C=Circular, or A=other?	S	c	c/v/a
The diameter of your antenna	d	12,7	cm
The winding length	l	2,8	cm
The coil area	A	0,0127	m ²
The Rayleigh factor	ρ	2,417	
Number of turns	N	16,01	-
Spacing between turns	δ	1,86	mm
Total wire length	W	6,39	m

Physical constants

The speed of light	c	299792458	m/s
The permeability	μ	1,25664E-06	H/m

Computed on date

7-6-2017