

Single-band antenna BAZOOKA

$$LT = 460 / \text{Frequency (MHz)}$$

$$LC = 325 / \text{Frequency (MHz)}$$

(Dimensions in feet and inches)

$$LT = 140.21 /$$

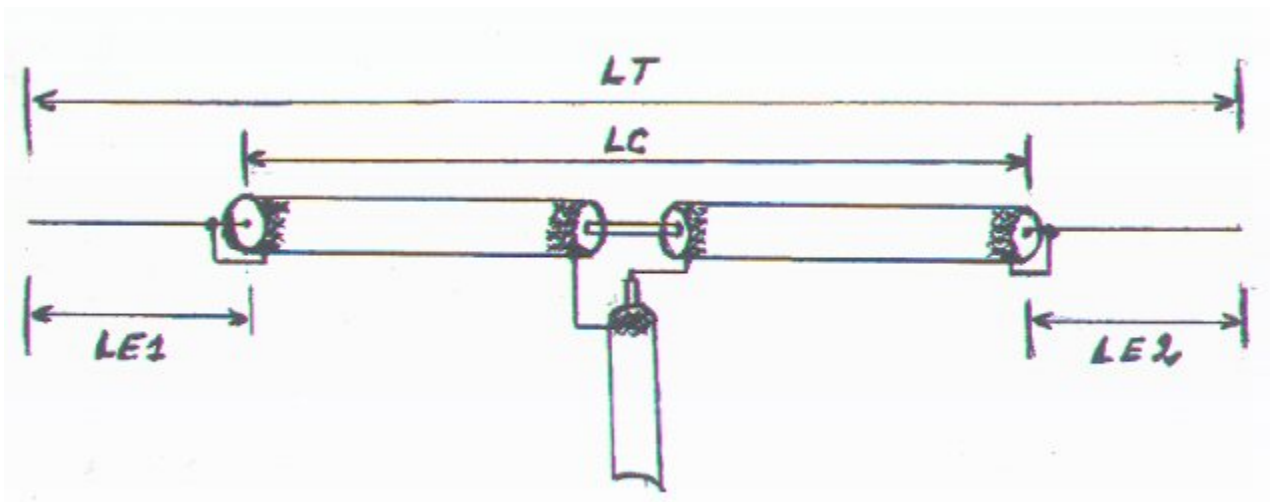
Frequency (MHz)

$$LC = 99.06 / \text{Frequency (MHz)}$$

(Dimensions in meters)

or

$$LE1 \text{ and } LE2 = LT - LC / 2$$



Do not remove the dielectric in the center, do not cut the soul, separate the braid of 3 cm

LC = 52 ohms coaxial RG58 quality

LE = both ends are made of flexible wire sheath 1.5 or 2.5 # #

Notes:

You can use the 75 ohm cable (solid dielectric) with the same values, the descent is then 75 ohms.

Of 21 MHz, one can obtain good performance by modifying (1 and 2) at the start of an antenna 40 m.

Tolerates the implementation // (multi-doublet), but very heavy mechanically.

Attention to the strength! (Use a halyard attached to the central case as support).



example: to 40 m, F = 7060 MHz

LT = $140.21 / 7,060 = 19.8597$ m or 19.86 m

LC = $99.06 / 7,060 = 14.031$ m is 14.03 m.

LE = 19.86 to 14.03 m = $5.83 / 2 = 2.92$ m for each rounded end.

received from Gilles F5FG.