

Slim Jim & J-pole - Calculateur

<https://www.thethingsnetwork.org/forum/t/antenna-experiment-868mhz-j-pole/3620>

<https://m0ukd.com/calculators/slim-jim-and-j-pole-calculator/>

Slim Jim / J Pole antenna calculator.

Frequency MHz
 Velocity Factor (see text*) vF

Calculate my Slim Jim / J Pole!

Actual wavelength metres

Wavelength considering velocity factor metres

A. Overall length $(\lambda/3)*vF$ (plus gap for Slim Jim) cm (J Pole)

cm (Slim Jim)

B. Half wave radiator section $(\lambda/2)*vF$ cm

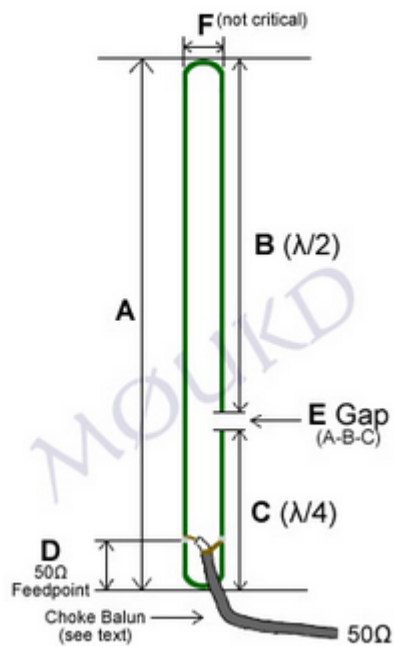
C. Quarter wave matching section $(\lambda/4)*vF$ cm

D. 50Ω feed point. Adjust for 1:1 SWR. $(\lambda/40)*vF$ cm

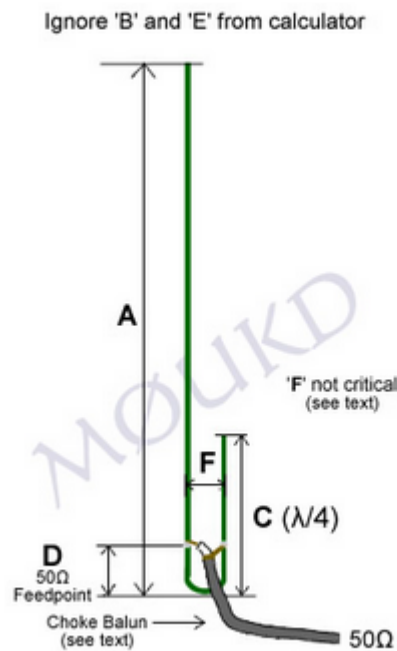
E. Gap $(\lambda/100)$ cm

F. Spacing – not critical cm

Clear Form



MØUKD Slim Jim Calculator



MØUKD J-Pole Calculator

Revision #1

Created 2024-08-29 15:55:41 UTC by Admin

Updated 2024-08-29 15:57:58 UTC by Admin