

Some Simple Homemade Antenna Projects

ANTENNA LENGTH CALCULATORS

<https://www.omnicalculator.com/physics/dipole>
<http://www.csgnetwork.com/antennaedcalc.html>
http://www.westmountainradio.com/antenna_calculator.php
<http://m0ukd.com/calculators/slim-jim-and-j-pole-calculator/>

DIY HF ANTENNAS

Instructions:

<https://www.radio4all.org/how-to-build-a-dipole-antenna/>
<https://rsgb.org/main/get-started-in-amateur-radio/antennas/your-first-antenna-the-half-wave-dipole/>
<http://vk3zpf.com/link-dipole>
<https://www.sotabeams.co.uk/linked-dipoles/>
<http://www.m0pzt.com/blog/hf-linked-dipole/>
<https://vk5la.wordpress.com/2013/10/07/putting-together-a-link-dipole-for-sota/>
<https://www.hamuniverse.com/multidipole.html>
<https://oh8stn.org/blog/2018/08/05/building-a-multi-band-hf-fan-dipole-antenna/>
<https://www.hamuniverse.com/k6sojnv.html>
<https://www.hamradiosecrets.com/nvis-antenna.html>
https://www.w9xt.com/page_radio_gadgets_nvis_antenna.html

DIY 2 M / 70 CM ANTENNAS

Instructions:

<https://www.hamuniverse.com/vertbazooka.html>
<https://vk1nam.wordpress.com/2018/02/10/portable-2m-144-mhz-coaxial-dipole-antenna/>
<https://everydayready.wordpress.com/2017/02/06/diy-easy-2m-dipole-antenna/>
<https://www.essexham.co.uk/slim-jim>
<https://www.hamuniverse.com/slimjim.html>
<https://www.hamuniverse.com/ke4nu450slimjim.html>
<https://www.hamuniverse.com/2metercopperslimjim.html>
<https://w4cae.com/1-2in-type-m-copper-tubing-slim-jim-vhf-uhf-antenna-2/>
<https://www.eham.net/article/2418>
<http://www.k8qik.org/tech/pdf/jpole2m.pdf>
<https://www.513repeater.org/elmering/build-a-jpole-antenna/>

VIDEOS

Simple emergency antenna

<https://www.youtube.com/watch?v=igHQ3EsE5Bk>
<https://www.youtube.com/watch?v=JEp5IM5ZHV8>

J Pole Antenna

<https://www.youtube.com/watch?v=IdbFqVwoV8s>
<https://www.instructables.com/J-Pole-Antenna-For-2-Meters/>