

BAND HOPPER (II,III & IV)

A linked half wave dipole from SOTABEAMS

*****IMPORTANT NOTE:** if you are using a Band Hopper with our 10m Compact Travel Mast, attach the antenna with a cable tie to the top of section 11 (counted from the bottom). This is about 20ft up and is the perfect height for the antenna centre. Any higher and the antenna may not work properly and your Compact Travel Mast could be damaged.***

The Band Hopper series of linked dipoles are perfect for holiday operating and SOTA style operating.

The package is designed for easy operating. The Wire Winders make handling the wires easy. Note how the antenna is wound onto them. This technique gives tangle-free use! Everything is attached together too—no chance of losing anything. It's a complete system including a back guy so you need no additional guys for your chosen mast. [Wire winder Video](#)

To operate on the highest frequency band (usually 20m) just open the set of links nearest the feed point. You can adjust the resonant frequency if required by moving the crocodile clips—see diagrams below. Alternatively just leave the clips hanging down.

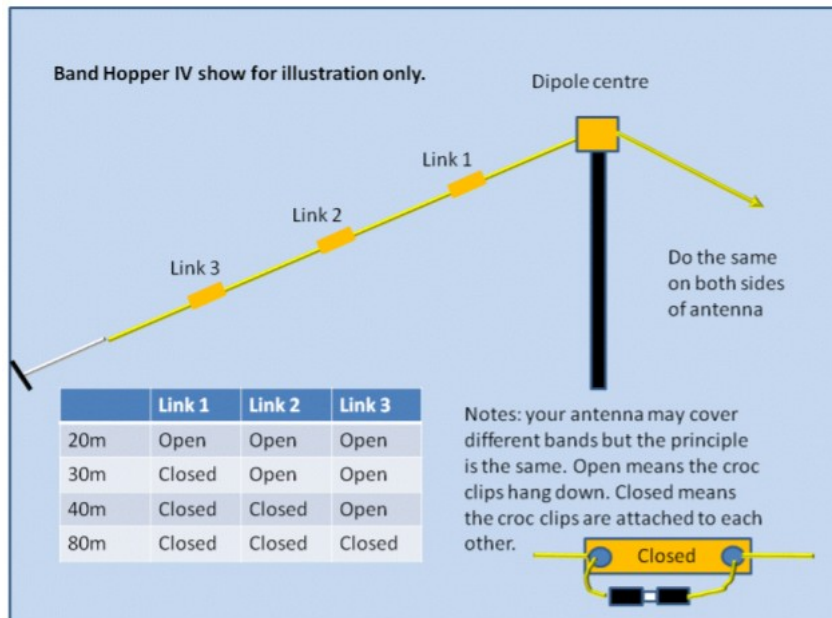
To operate on the lower bands close the links on both sides. It's quick and easy!

There is a [video](#) that shows how to erect a mast using this type of antenna.

***Note that these instructions are generic. Your Hopper antenna may cover different bands but the general principle is the same for all Hoppers.**

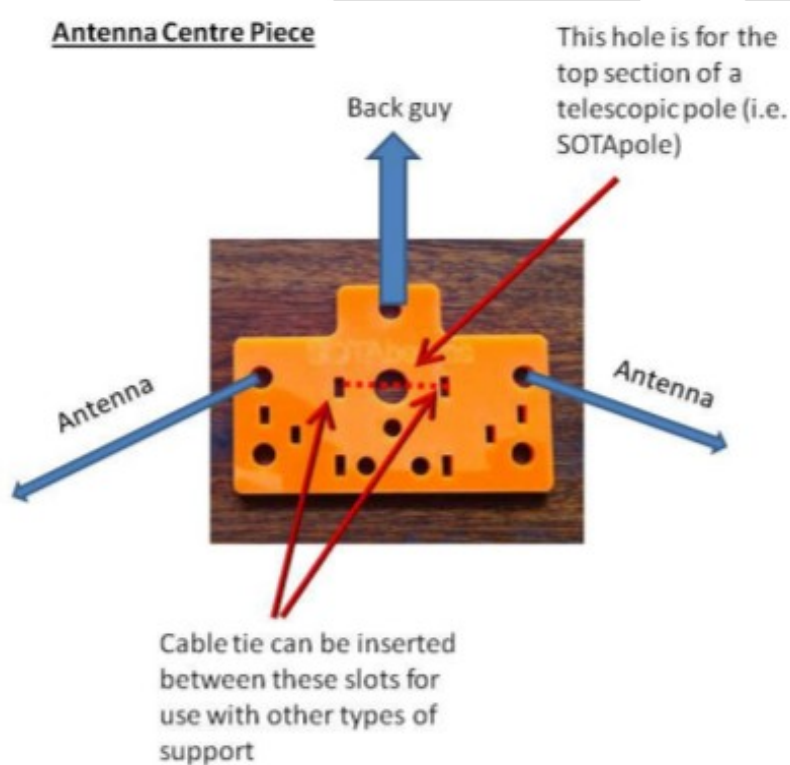
Band Selection

The bands are selected by opening or closing links using the crocodile clips.



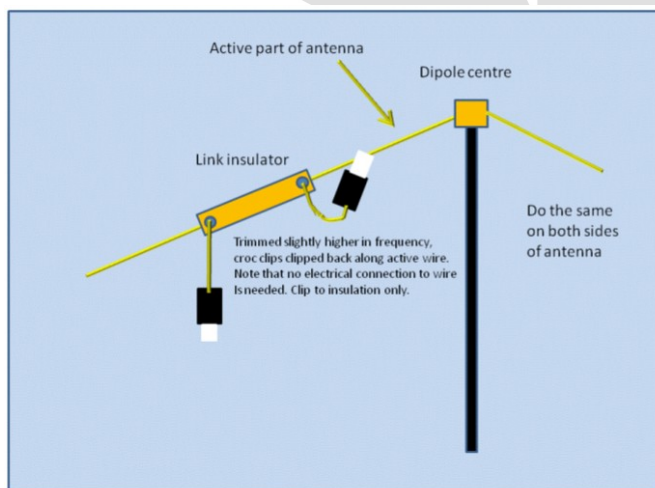
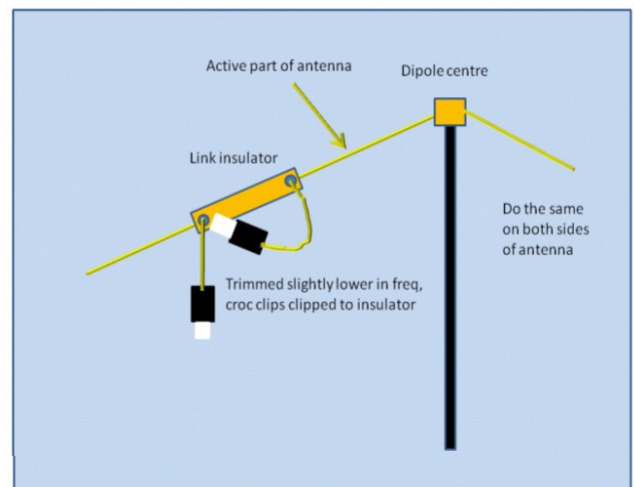
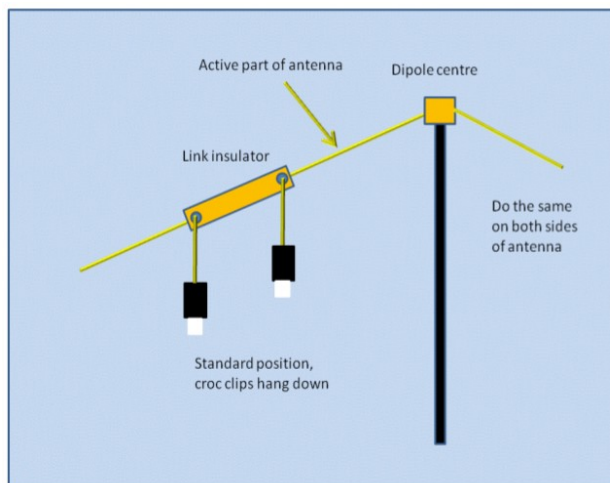
Antenna Centre Mounting

Top view of antenna centre, showing approximately which directions the dipole legs and back guy should point towards when looking from above the antenna.

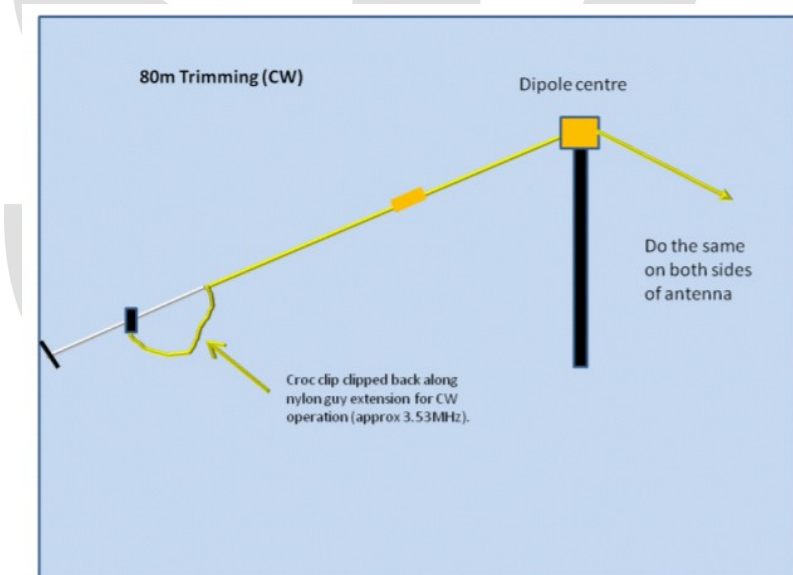
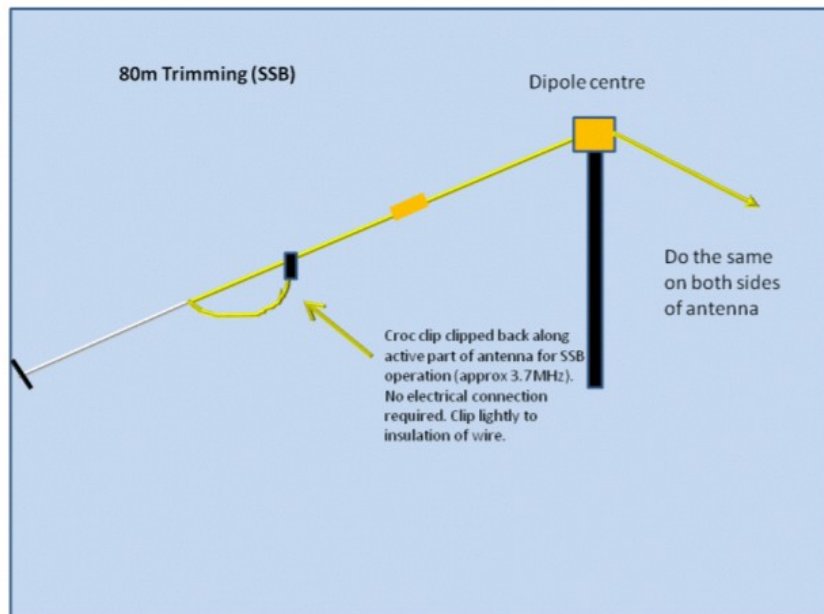


Frequency Trimming

The antenna is supplied ready to use, with the wire sections already cut to the correct lengths. But as with any antenna, the exact resonant frequency may vary a little depending on the surrounding environment and how the antenna is erected. You have some control over the length of the dipoles by adjusting the position of the crocodile clips.



Frequency Trimming (80m versions only)



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