



The antenna comes with:

- ① Black part (with 9 holes for plugging in the jumper cable) with silver colored body (total mechanical length 67 cm / 26.4 in)
- ② Long (L) top radial with a variable active length between 46.5 cm / 18.3 in and 77.5 cm / 30.5 in
- ③ Short (S) top radial with a variable active length between 25.5 cm / 10 in and 56 cm / 22 in
- ④ Silver extension radial (fixed length of 31.7 cm / 12.5 in)
- ⑤ Jumper cable for use with black part
- ⑥ 2mm Allen-key (required to move the fixing part of the S and L top radial)



The following table shows how to set the length of the short (S) / long (L) radial:

f [MHz]	l [m]	Band	Jumper	Which top radial to use	Visible length of top radial (without the extension and without the black part)	Total silver radial length (extension plus top radial)
3.56	84.21	80	no	S	42cm / 1.4ft	73.7cm / 2.4ft
7.05	42.52	40	2	S	31cm / 1.0ft	62.7cm / 2.1ft
10.10	29.68	30	3	S	31cm / 1.0ft	62.7cm / 2.1ft
14.00	21.41	20	4	S	44cm / 1.4ft	75.7cm / 2.5ft
18.00	16.66	17	5	L	54cm / 1.8ft	85.7cm / 2.8ft
21.10	14.21	15	6	S/L	46.5cm / 1.5ft	78.2cm / 2.6ft
24.90	12.04	12	7	S	41.5cm / 1.4ft	73.2cm / 2.4ft
27.00	11.10	11	8	S	41cm / 1.3ft	72.7cm / 2.4ft
29.00	10.34	10	8	S	26.5cm / 0.9ft	58.2cm / 1.9ft
50.00	6.00	6	9	S	25.5cm / 0.8ft	57.2cm / 1.9ft



How to setup the antenna for use of a specific band:

1. Select the listed top radial according to the frequency you plan to use.
2. Mount the top radial into the extension radial.



3. Mount the extension radial onto the black part.
4. Release the grub-screw of the fixing part (just a little turn counterclockwise) to align the length of the top radial.



5. Tighten the grub screw of the fixing part (by turning the grub screw clockwise).
6. If required, plug in the patch cable accordingly. One side of the patch cable is always (except for 80m band) plugged into hole 1.

