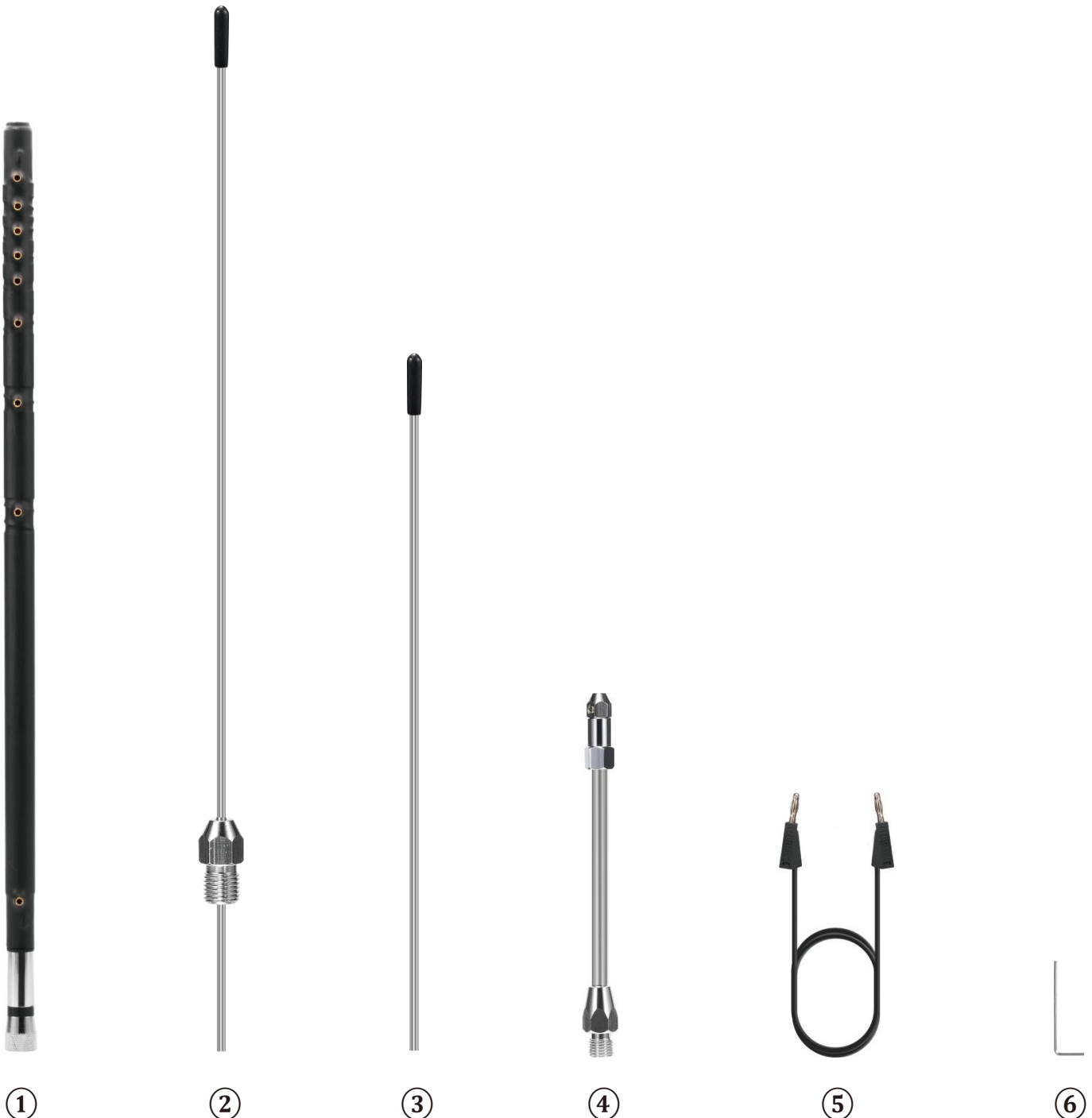




Radioddity HF-008 Quick Guide

The antenna comes with:

- ① Loading coil. The black part has 9 holes for plugging in the jumper cable and the lower, silver colored section has a PL-259 plug (total mechanical length 67 cm / 26.4 in)
- ② Long (L) top element with a variable length between 46.5 cm / 18.3 in and 77.5 cm / 30.5 in
- ③ Short (S) top element with a variable length between 25.5 cm / 10 in and 56 cm / 22 in
- ④ Silver extension section (fixed length of 31.7 cm / 12.5 in) – mounts on top of loading coil when used
- ⑤ Jumper cable for use with loading coil
- ⑥ 2mm Allen-key (required to loosen or tighten the collar on the extension section)



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

f [MHz]	λ [m]	Band	Jumper	Top element to use	Visible length of top element (without the extension and without the loading coil)	Total radiating element length (extension plus top element)
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 element according to the frequency that you plan to use.
2. Mount the top element into the extension section.



3. Mount the extension section onto the loading coil.
4. Release the grub-screw of the collar (just needs a small turn counterclockwise) to adjust the length of the top element.



5. Tighten the grub screw of the collar (by turning the grub screw clockwise).
6. Plug in the patch cable as listed in the table. One end of the patch cable is always plugged into hole 1 (except for 80m band where the cable is not used).

