



The Radioddity CBL-561 antenna comes with:

- ① Lower part with built-in PL-259 plug, lower metal rod with extension coil (total mechanical length 44.5 cm / 17.5 in)
- ② Silver extension radial (fixed length of 32 cm / 12.6 inch)
- ③ Top radial with a variable active length between 2.5 cm / 1 inch and 72.5cm / 28.54 inch
- ④ 2mm Allen-key (required to loosen/fasten the fixing part of the top radial)

 44.5cm / 17.5"	 32cm / 12.6"	 74cm / 29.1"	
①	②	③	④

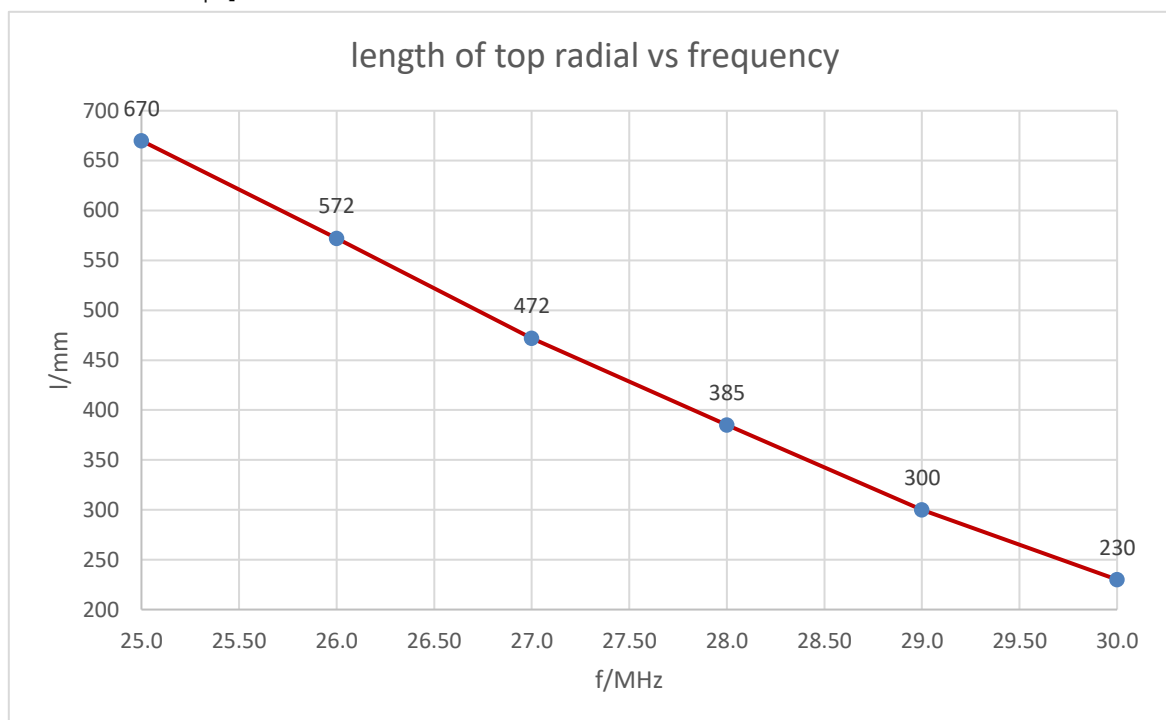
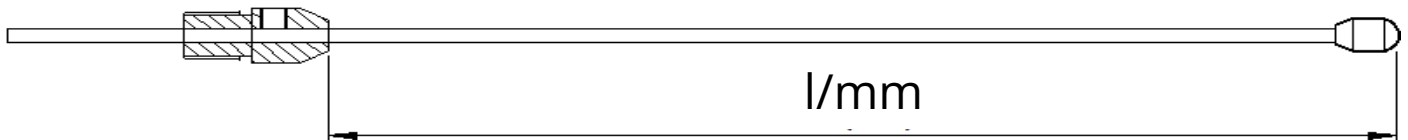
How to setup the antenna for use of a specific band:

1. Release the grub-screw of the fixing part (just a little turn counterclockwise) to align the length of the top radial.



2. Tighten the grub screw of the fixing part (by turning the grub screw clockwise).

Required length of the top radial (measured from top of fixing part to top of radial):



f [MHz]	λ [m]	Band	top radial length
25	11.992	12m	67,0cm / 26.38" / 2.20ft
26	11.530	12m	57,2cm / 22.52" / 1.88ft
27	11.103	11m	47.2cm / 18.58" / 1.55ft
28	10.707	11m	38.5cm / 15.16" / 1.26ft
29	10.338	10m	30.0cm / 11.81" / 0.98ft
30	9.993	10m	23.0cm / 9.06" / 0.75ft

Important: The antenna is to be used either with a magnetic mount that is placed on a car or a similar structure acting as a sufficient counterpoise. It is not intended to be mounted directly onto the radio.