

Specifications

Model	GRA-CF2200	GRA-CF5200
Material	Carbon Filber	Carbon Filber
Color	Navy Blue	Navy Blue
Sections	8	10
Collapsed Length	40cm (15.7")	64.5cm (25.4")
Extended Length	226cm (89")	512cm (201.6")
Default Connector	M10-1.0P male	
Included Adapter	M10-1.0P to 3/8-24 male	
Weight(With Adapter)	103g (3.63oz)	238g (8.39oz)
Weight(Without Adapter)	78g (2 75oz)	214g (7.55 oz)

Usage Precautions

1. Always extend from the top (thinnest section) first
Pull out each section in order from the smallest to the largest. This ensures smooth extension and avoids structural damage.
2. Make sure each section is fully extended and locked
Extend until you feel or hear a “click” or secure stop — this ensures a stable structure and electrical contact.
3. Retract in reverse order from the base (thickest section)
Do not push from the top downward; instead, retract one section at a time from the bottom up.
4. Avoid lateral pressure or bending
Carbon fiber is very strong but not designed for side-force bending. Always keep the antenna upright during use.
5. Do not use near high-voltage sources or during thunderstorms
This is a conductive antenna. Using it near power lines or during lightning may be dangerous.
6. Not intended for use while walking or in motion
If installed on a mobile rig or carried in the field, always retract the whip before moving to prevent breakage.
7. If a section is stuck, do not forcefully pull
Try gently twisting while pulling with a cloth for better grip. Avoid excessive force that may cause cracking.
8. Clean regularly after outdoor use
Dust or sand can affect the sliding joints. Use a soft dry cloth or alcohol wipes to clean between segments.