

Elite 50 Mobile Antenna

PACKING LIST

- 1 x Elite antenna base and cable.
- 1 x Whip.
- 1 x Plastic packet with bellows, cover nut, 2 x rubber pads, wire spanner and whip tip.

INSTALLATION INSTRUCTIONS

- STEP 1.** Remove the antenna from package. **(See Fig.1)**
Make sure all parts are available and there is no physical damage.
- STEP 2.** The antenna is designed for mounting on a **flat surface**.
The mounting stud can be bent, **(Maximum bend of 30°)**, to allow vertical alignment of the whip.
- STEP 3. Bottom Mounting: (See Fig.1).**
Drill a **12.5 mm hole** on a flat surface.
Insert the base assembly through the hole.
Fit **flat rubber pad**, foot and cover nut.
Tighten nut firmly with the wire spanner provided.
Fit rubber bellows and whip onto stud, tighten whip. **(Use 9mm spanner)**
Bend **stud** slightly, **(Max 30°)** to allow vertical alignment of the whip.
- STEP 4. Top Mounting: (See Fig. 2).**
Drill a **21 mm hole** on a flat surface.
Feed the cable through the hole followed by the antenna base.
Fit **rubber pad with locating ring**, foot and cover nut.
Assemble as above.
- STEP 5.** Run coax cable to radio, cutting off any excess cable.
Terminate in the appropriate coaxial plug.

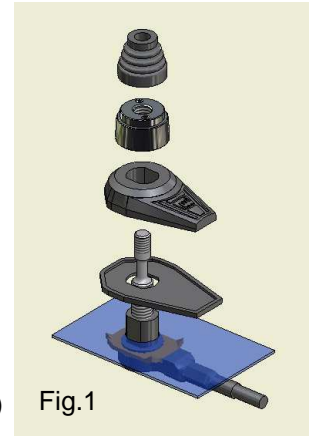
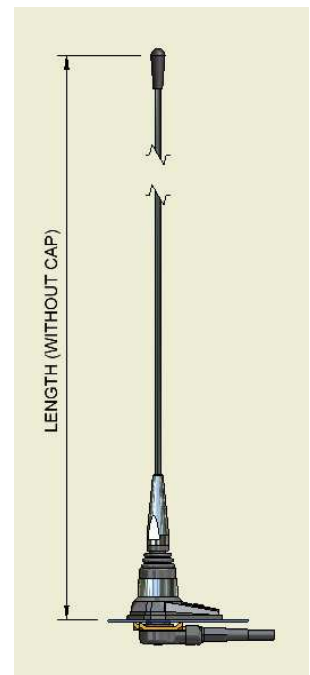
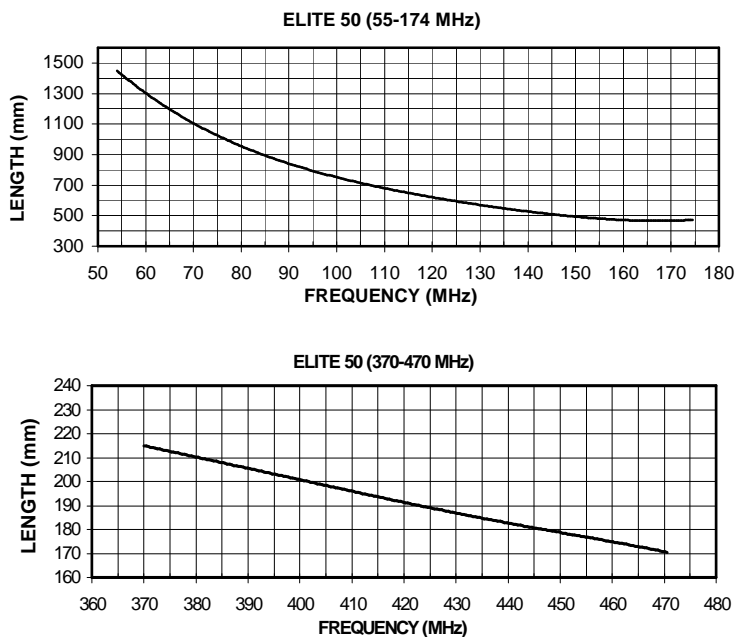


Fig.1



Fig.2



Cutting charts are a guideline to the antenna length.
It is suggested that the whip is cut about **25 mm longer** than indicated on the graph.
Final length is determined by fine-tuning for minimum reflected power.

Elite 130 Mobile Antenna

PACKING LIST

- 1 x Elite antenna base and cable.
- 1 x Whip.
- 1 x Plastic packet with bellows, cover nut, 2 x rubber pads, wire spanner and whip tip.

INSTALLATION INSTRUCTIONS

- STEP 1.** Remove the antenna from package. **(See Fig.1)**
Make sure all parts are available and there is no physical damage.
- STEP 2.** The antenna's designed for mounting on a **flat surface**.
The mounting stud can be bent, **(Maximum bend of 30°.)**, to allow vertical alignment of the whip.
- STEP 3. Bottom Mounting: (See Fig.1).**
Drill a **12.5 mm hole** on a flat surface.
Insert the base assembly through the hole.
Fit **flat rubber pad**, foot and cover nut.
Tighten nut firmly with the **wire spanner** provided.
Fit rubber bellows and whip onto stud, tighten whip. **(Use 9mm spanner)**
Bend stud slightly, **(Max 30°.)** to allow vertical alignment of the whip.
- STEP 4. Top Mounting: (See Fig. 2).**
Drill a **21 mm hole** on a flat surface.
Feed the cable through the hole followed by the antenna base.
Fit **rubber pad with locating ring**, foot and cover nut.
Assemble as above.
- STEP 5.** Run coax cable to radio, cutting off any excess cable.
Terminate in the appropriate coaxial plug.

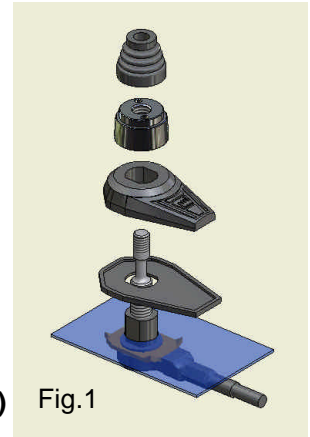


Fig.1

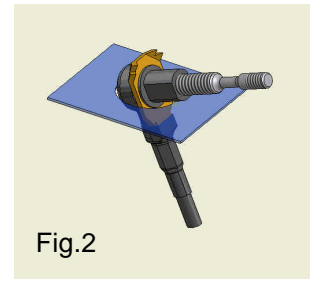
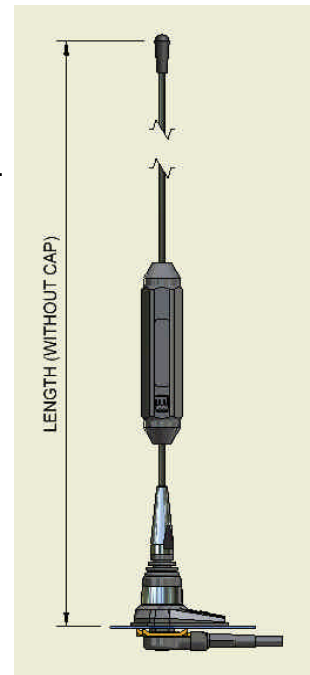
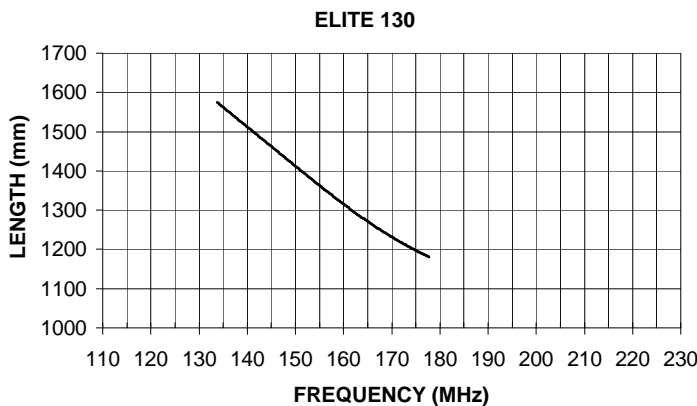


Fig.2

Note:
Cutting charts are a guideline to the antenna length.
It is suggested that the whip is cut about **25 mm longer** than indicated on the graph.
Final length is determined by fine-tuning for minimum reflected power.



Elite 390-450 Mobile Antenna

PACKING LIST

- 1 x Elite antenna base and cable.
- 1 x Whip.
- 1 x Plastic packet with bellows, cover nut, 2 x rubber pads, wire spanner and whip tip.

INSTALLATION INSTRUCTIONS

- STEP 1.** Remove the antenna from package. **(See Fig.1)**
Make sure all parts are available and there is no physical damage.
- STEP 2.** The antenna's designed for mounting on a **flat surface**.
The mounting stud can be bent, **(Maximum bend of 30°.)**, to allow vertical alignment of the whip.
- STEP 3. Bottom Mounting: (See Fig.1).**
Drill a **12.5 mm hole** on a flat surface.
Insert the base assembly through the hole.
Fit **flat rubber pad**, foot and cover nut.
Tighten nut firmly with the wire spanner provided.
Fit rubber bellows and whip onto stud, tighten whip. **(Use 9mm spanner)**
Bend stud slightly, **(Max 30°.)** to allow vertical alignment of the whip.
- STEP 4. Top Mounting: (See Fig. 2).**
Drill a **21 mm hole** on a flat surface.
Feed the cable through the hole followed by the antenna base.
Fit **rubber pad with locating ring**, foot and cover nut.
Assemble as above.
- STEP 5.** Run coax cable to radio, cutting off any excess cable.
Terminate in the appropriate coaxial plug.
- NOTE: Elite 390, 400 & 450.**
These do not require the whip to be trimmed, tuning over the stated ranges is achieved by positioning of disc on lower section of antenna as per table.

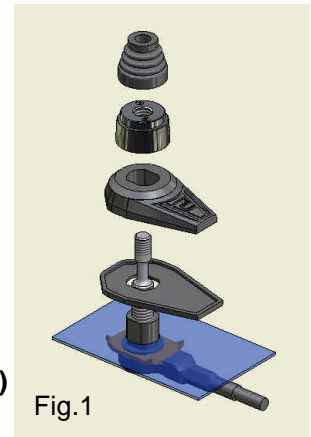


Fig.1

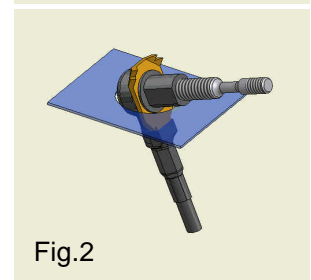
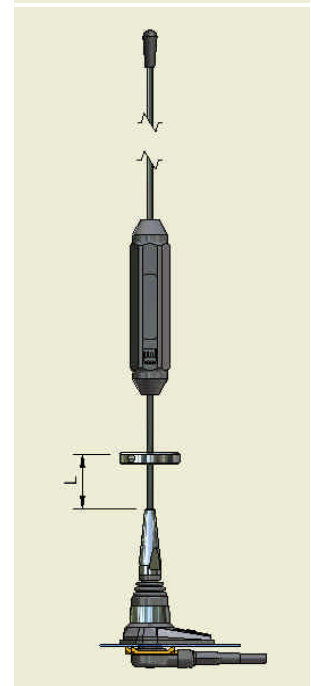


Fig.2



TYPE	LENGTH (mm)	FREQUENCY
ELITE 390	20	380 – 400
	15	390 – 410
ELITE 400	50	400 – 420
	20	410 – 430
ELITE 450	40	430 – 450
	25	440 – 460
	15	450 – 470



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Elite Range Cutting Chart

Cutting Chart

