

Application:

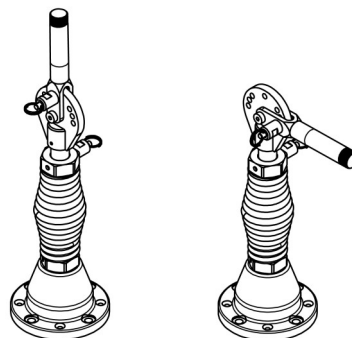
The APX100 is a sectional whip antenna designed for land mobile services in the HF-band 1.6-30 MHz. It consists of eight whip sections and a tilt base with spring locking mechanism. The base is equipped with heavy duty spring to absorb shocks and contains a tilt mechanism to allow for deflection of the antenna when moving the vehicle. The antenna is normally used 5m long when moving, and can be extended to 10m when stationary. The spring in the base can be locked to prevent deflection when used at 10m.

Electrical specifications:

| | |
|-------------------|-----------------------|
| Frequency range | 1.6-30 MHz |
| Impedance | Depending on mounting |
| Power rating | 400 W |
| Radiation diagram | Omnidirectional |
| Polarization | Vertical |
| Electrical length | 10m |

Mechanical specifications:

| | |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Design | End fed whip. Radiating elements completely enclosed in epoxy/fibreglass laminate. Metal parts are brass and stainless steel. |
| Length | 8 sections: 10m 4 sections: 5m |
| Weight | 9 kg |
| Finish | Polyurethane lacquer, olive |
| Temperature range | -55 °C, +71 °C; -67 °F, +160 °F |



Supplied with 4-hole NATO pattern base with spring pin operated tilt mechanism and spring lock off.

See page 2 for details

APX100

8 sections, 10m

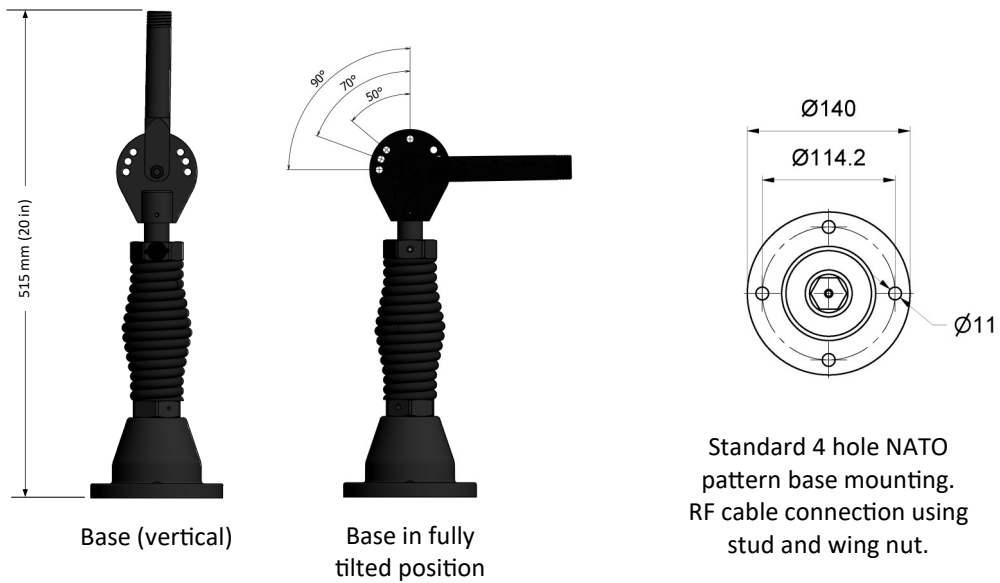


APX51

4 sections, 5m



Base Dimensions



Antenna Options

| | |
|--------------|----------------------------------------------------------------|
| Whip Bag | Protective carrying bag for all whip sections |
| Tie Down Kit | Allows the whip to be tied down to the vehicle while in motion |