

Application

The APX52 is constructed for land mobile services in the HF band 1.6-30 MHz. It consists of four mast sections and a base assembly. The base assembly is equipped with heavy duty spring coil to absorb shocks and to allow for a semi permanent deflection of the antenna when the vehicle is mobile. To reduce visual signature the antenna can also be used with only two sections.

Electrical specifications

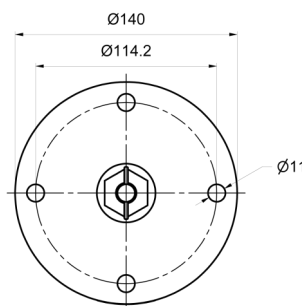
Frequency range	1.6-30 MHz
Electrical length	5 metres
Power rating	400 W
Radiation diagram	Omnidirectional
Polarisation	Vertical

Mechanical specifications

Design	End fed whip. Radiating elements completely enclosed in epoxy/fibreglass laminate. Metal parts are brass and stainless steel.
Length	2 sections: 2.6 m 4 sections: 4.9 m
Weight	4 sections: 4.5 kg
Finish	Polyurethane lacquer, olive
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

Mounting

The base fits onto a standard NATO four-bolt pattern. An optional six hole pattern is also available.

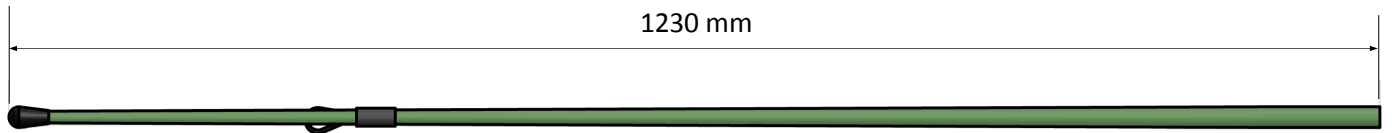


Standard 4-hole Mounting

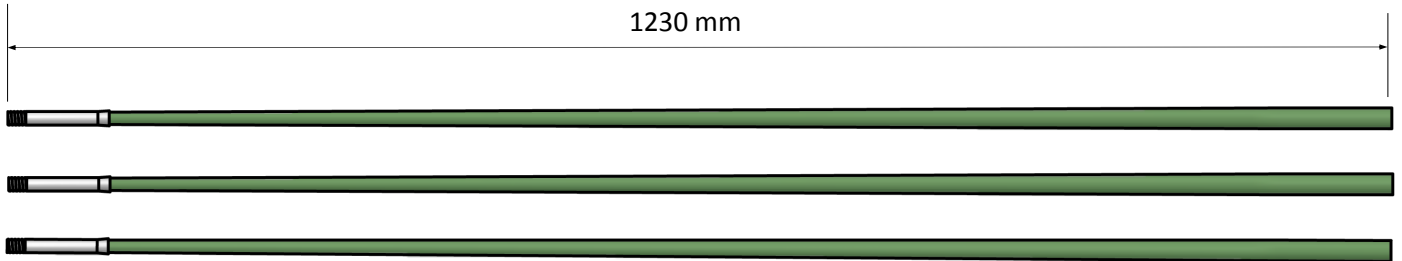


RF cable attachment point

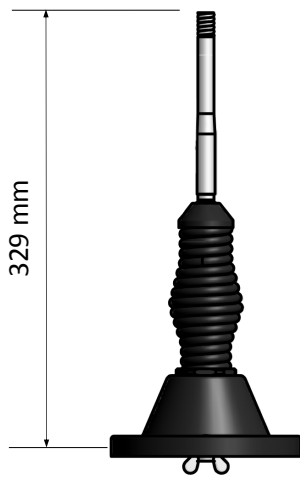
Contents and Dimensions



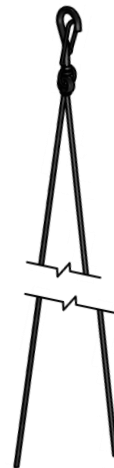
Whip Upper



Whip Lower (x3)



Base Assembly



Tie-down Kit

Options

Mounting kit	Bolt kits used to fix the antenna to the platform. Metric and Imperial sizes available
Whip section bag	For added protection during transportation