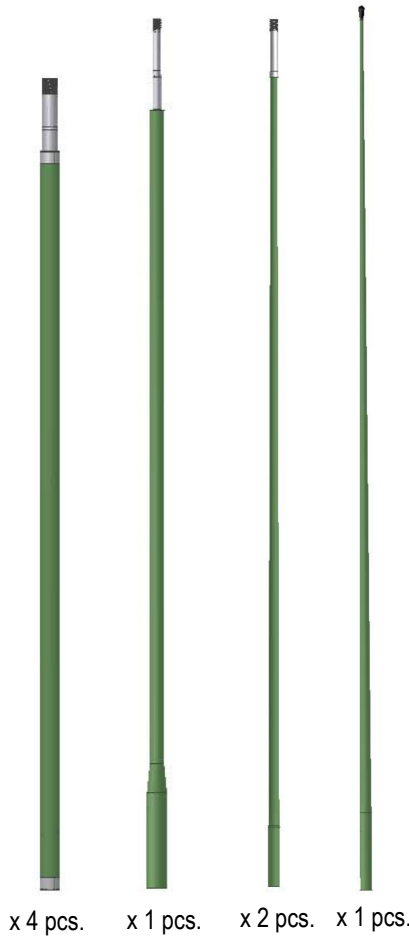


COMROD APX100

5/10m HF Mobile Whip Antenna

Application:

The APX100 is designed for land mobile services in the HF-band 2 - 30 MHz. It consists of eight mast sections and a base. The base is equipped with heavy duty spring to absorb shocks and to allow for a semi permanent deflection of the antenna when moving the vehicle. The antenna will normally be 5m long when moving, but can be extended to 10m when stationary. The spring in the base can then be locked to prevent deflection. To reduce visual signature the antenna can also be used with only two sections.



Electrical specifications:

Frequency range	2-30 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
Weight	8 sections: 9 kg
Finish	Polyurethane lacquer, olive
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

Mounting:

The base fits a standard 4 hole NATO pattern

