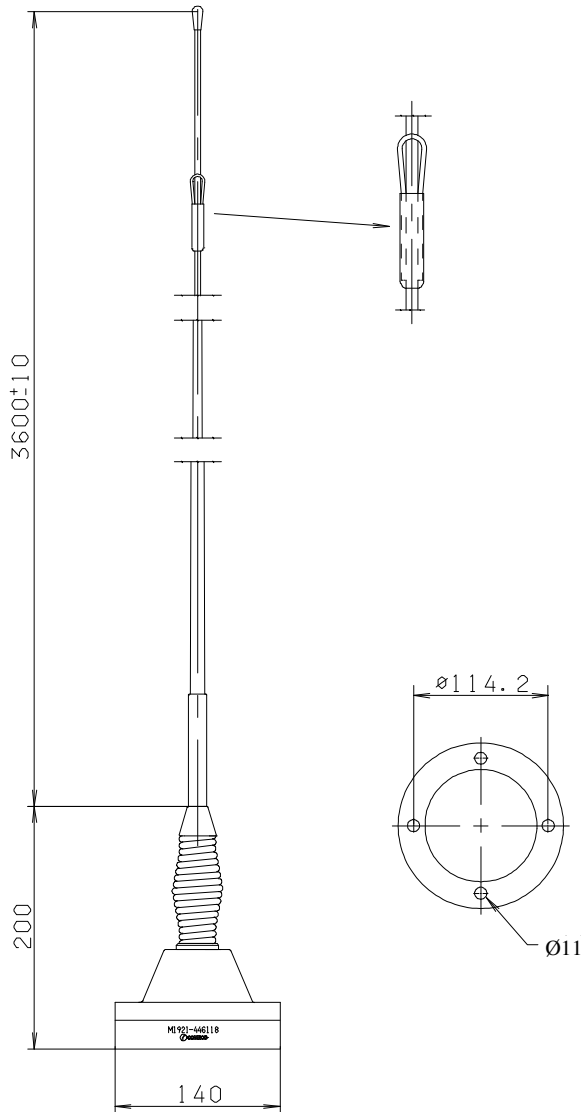


COMROD HF1630CO

HF Mobile Whip

Application:

The HF1630CO is designed for land mobile services in the HF-band 1.6 - 30 MHz. It consists of a fibreglass whip, base section and adapter. The antenna is intended for use with radios that has a built in antenna tuner with a coaxial output. Some of these tuners will only tune a capacitive load, and requires a very short cable length. If so the extra adapter is placed close to the tuner and makes it possible to use quite a long cable. The whip is intended to be fixed in a deflected position when the vehicle is moving. A tie down loop eases fixing a rope when the antenna is deflected.



Adapter:



Electrical specifications:

Frequency range	1.6 - 30 MHz
Impedance	Depending on adapter and mounting
Maximum base voltage	2000V
Radiation pattern	Omnidirectional
Electrical length	3.8m
Polarization	Vertical
Connector	BNC, or customer specified

Mechanical specifications:

Design	End fed whip. Radiating element completely enclosed in epoxy/fibreglass laminate. Metal parts are brass or stainless steel.
Length, mounted	3.8m
Weight	2.9 kg
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, olive drab.
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

Mounting:

The base uses the Nato standard 4 hole pattern.