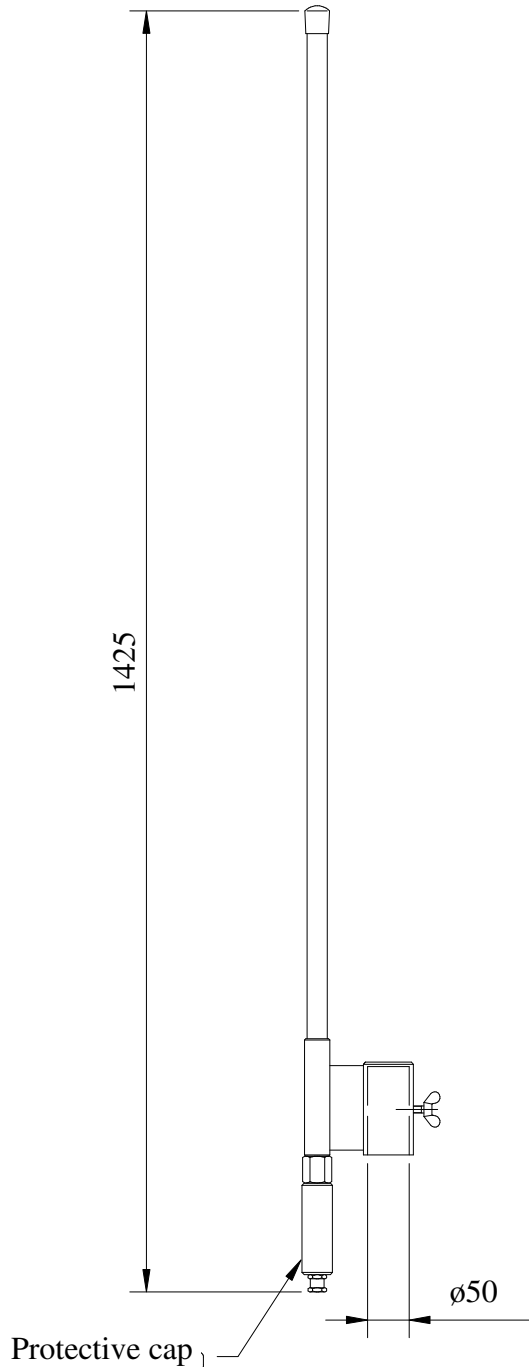


COMROD AV6K MIL

VHF Antenna

Application:

The AV6K MIL is a rugged high quality dipole antenna designed for VHF radio applications.



Electrical specifications:

Frequency range	153-154 MHz, but can be modified for other frequencies.
Nominal impedance	50 ohm
Power rating	200 W
Gain	2 dbi
VSWR	< 1.5
Pattern	Omnidirectional in the H-plane
Polarization	Vertical
Connector	N or UHF female are standard
DC-grounded	Yes

Mechanical specifications:

Design	Centerfed coaxial dipole. Radiating elements completely enclosed in polyurethane foam within a fiberglass tube. Aluminum mounting hardware.
Height	1.4 m
Weight	1.3 kg
Wind rating	55 m/s = 125 mph
Moment of flexure	3.0 kpm at 55 m/s
Finish	Polyurethane lacquer, olive drab
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

Mounting:

The AV6K-MIL is specially designed to be used at the top of a Comrod AMX6 mast, or on any spigot with Ø50mm diameter. Connector is protected by a plastic tube with stuffing nut.

Suitable cable: RG8, RG213 or similar.