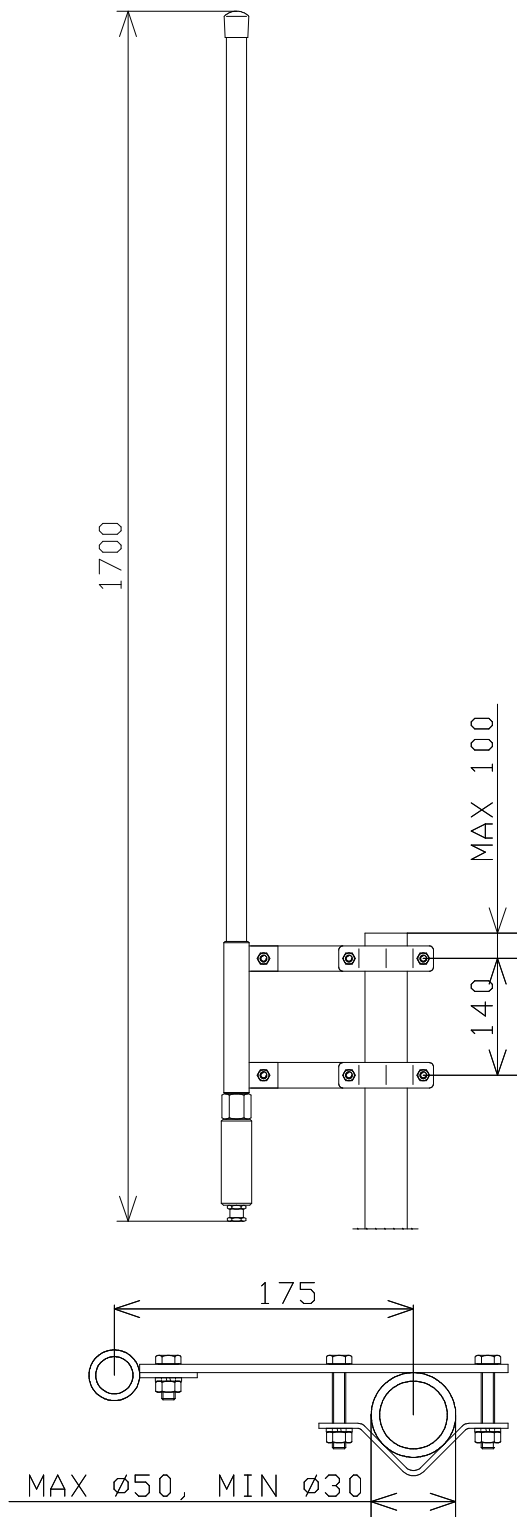


COMROD AV19

1.7 m Ground-Air VHF Antenna



Dimensions in mm.

Application:

The AV19 is a centered coaxial halfwave dipole for the aeronautical communication band 118-136 MHz. The dipole element is embedded in polyurethane foam and enclosed in a fiberglass reinforced tube. A special construction gives AV19 DC short to earth.

Electrical specifications:

Frequency range	118-136 MHz
Nominal impedance	50 ohm
Power rating	100 W
Gain	2 dbi
Pattern	Omnidirectional
Polarization	Vertical
Connector	N-female
VSWR	<2

Mechanical specifications:

Design	Centered coaxial dipole. Radiating elements completely enclosed in polyurethane foam within a fiberglass tube. Hot dip galvanized mounting hardware.
Height	1.7 m (5.7 ft)
Weight	3.6 kg
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +55 °C; -67 °F, +131 °F

Mounting:

The AV19 may be mounted to two welded brackets or clamped on to mast or post. Clamps of type ATC are included. Connector is protected by a plastic tube with stuffing nut. Suitable cable: RG8, RG213 or similar.