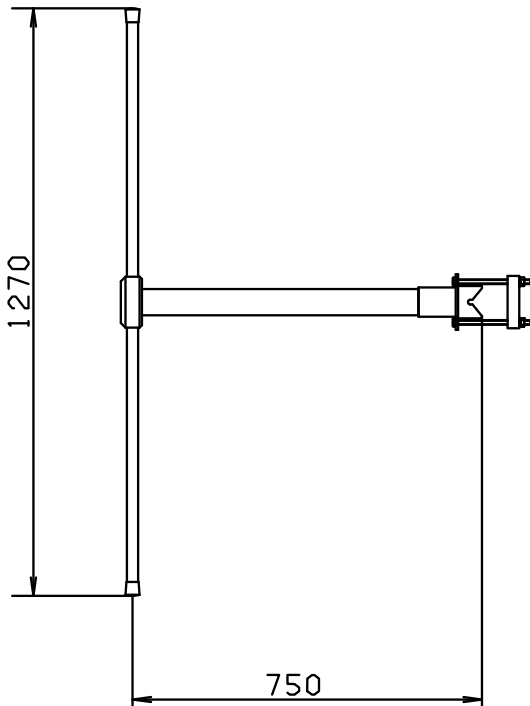


COMROD AV41-110

VHF dipole antenna



Dimensions in mm.

Application:

AV110 is a halfwave dipole designed for use in masts, or near-field monitoring of ILS-localizers and for VOR-monitoring. Weather protection is achieved by embedding all conductors in glassfibre reinforced polyester. Cavities are filled with polyurethane foam.

Electrical specifications:

Frequency range	108-112 MHz
Nominal impedance	50 ohm
Power rating	50 W
Gain	2 dbi
Polarization	Linear
Connector	N-connector female
VSWR	< 1.5

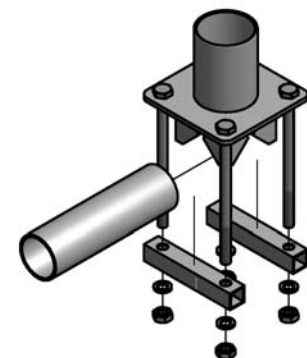
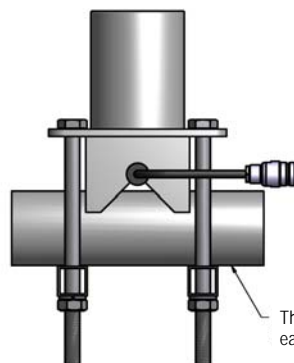
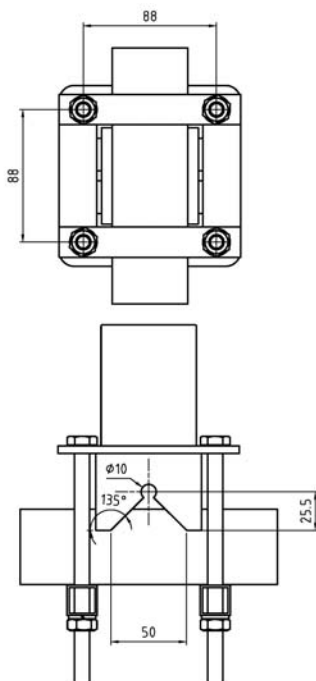
Mechanical specifications:

Design	Halfwave dipole. Radiating element completely enclosed in polyurethane foam within a fiberglass tube. Hot dip galvanized mounting hardware.
Dimensions	see drawing
Weight	4.4 kg
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +55 °C; -67 °F, +131 °F

Mounting:

The AV41-110 antenna is easily mounted to tube 2"-3". The mounting hardware is suitable for both horizontal and vertical polarization.

Suitable cable: RG8, RG213 or similar.



The mounting hardware is suitable for both horizontal and vertical polarization