

### Description

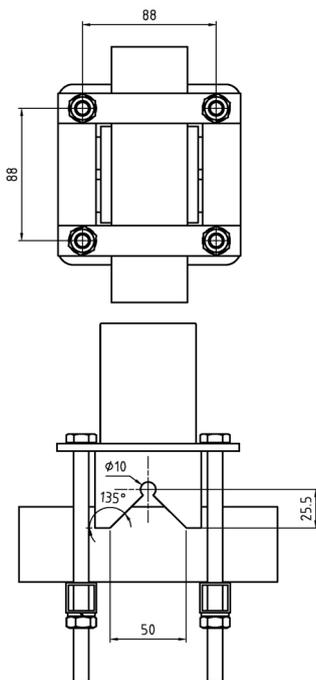
AV110 is a half-wave dipole designed for use in masts, or near-field monitoring of ILS-localizers and for VOR-monitoring. Weather protection is achieved by embedding all conductors in glass-fibre reinforced polyester. Cavities are filled with polyurethane foam.

### 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	Half-wave dipole. Radiating element completely enclosed in polyurethane foam within a fiberglass tube. Hot dip galvanised 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

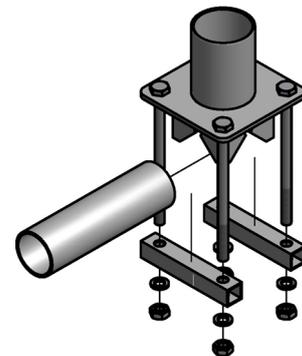
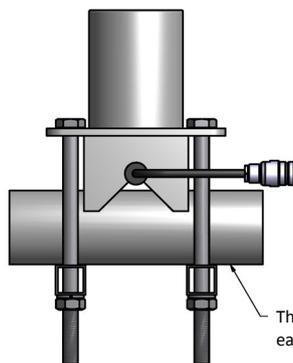


### Mounting:

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.



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