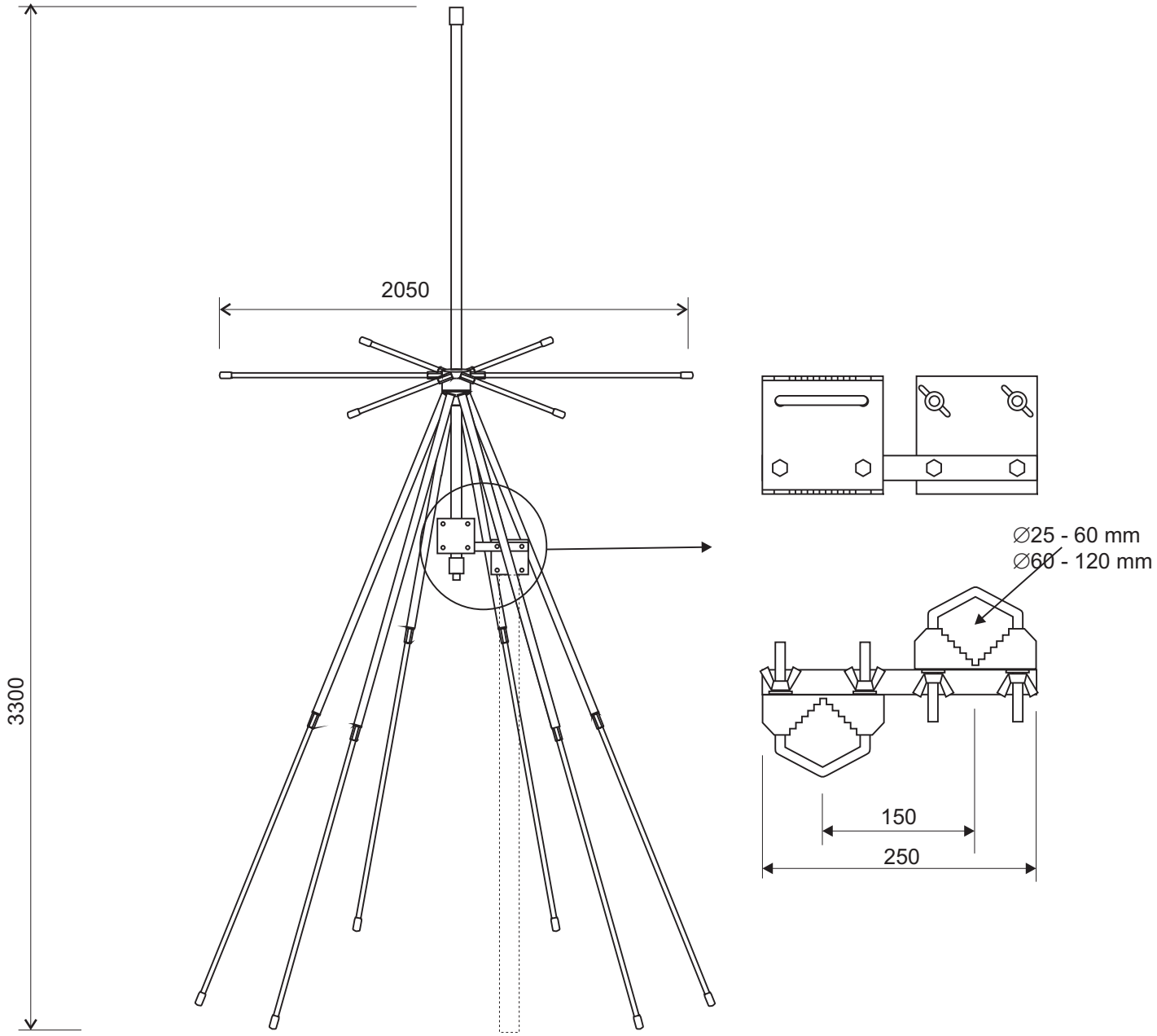
AD-17/B-110

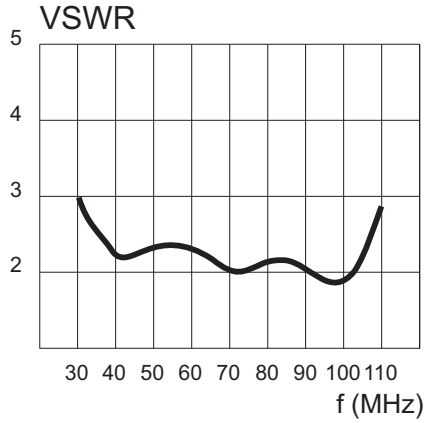
The antenna AD-17/B-110 is a wideband VHF “disc-cone” antenna, intended for tactical transportable or stationary use. The antenna elements are made of composite materials (epoxy and polyester resin, reinforced with fiberglass), ensuring low weight and excellent resistance against atmospheric influences. In spite of a low weight the antenna is robust enough also for stationary use. The antenna is composed of the support head with the tube where a special line transformer is built-in, of six disc elements and six cone elements, the last ones are divided into two sections. Additional vertical element ensures wideband coverage up to 110 MHz with relatively constant gain and radiation pattern properties. With computer synthesis and optimisation, the construction with a minimum possible number of the elements is achieved together with constant electrical characteristics. This construction enables simple and quick erection. All antenna parts are packed in a handy transportable linen bag.

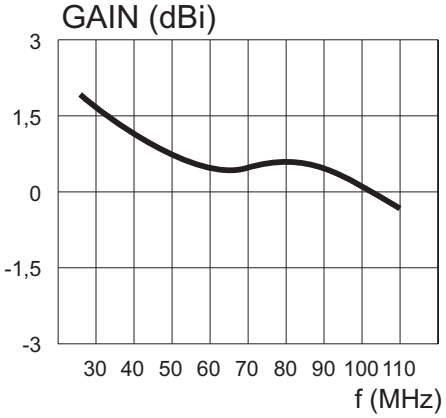




Frequency range	30 - 110 Mhz
Impedance	50 ohm
VSWR	< 3
Gain	typ. 0 - 2 dBi
Polarization	VER.
Maximum power	100 W CW
Radiation pattern	H-omni
Connector	N female
Height	3.3 m
Width	2,2 m
Mass of antenna	7.3 kg
Wind velocity	
- operational	120 km/h
- survival	160 km/h
Temperature range	-40....+70 °C







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