

The PRA5400 series antenna is ideal for use in shore based traffic monitoring and surveillance systems. The antenna is designed to be a compact package with maximum gain. The has proven to be an ideal solution for long range coastal surveillance applications.

The antenna is built using COTS hardware, making it a very cost-effective solution. Navielektro has currently deployed the unit in question at locations in Scandinavia and Africa.

## Radar Specifications

### Antenna and Transceiver:

- Frequency:  $9375 \pm 300$  Mhz
- Frequency: 8,9 Ghz version is available on request
- Horizontal beam width, -3db:  $0,45^\circ$
- Vertical beam width, -3db:  $2^\circ$
- Gain (nominal): 44dBi
- Polarization: Horizontal or vertical
- Side lobes level within -3degrees:  $<-31$ dB
- Side lobes level within -10degrees:  $<-37$ dB
- Rotational speed: 11-35 rpm
- Antenna weight: 650kg



## Dimensions

