



# Stella Doradus Ireland Ltd.

## 3.5GHz High Performance Base Station Series Part No. 35 SD9860NV



*The 35 SD9860NV is a high gain base station antenna designed for use in high density RF environments. The excellent radiation characteristics are the distinguishing features of these antennas.*

### Electrical Specification

Gain	17.5dBi
3dB beam Pattern	60° x 7°
Bandwidth	3.4-3.6GHz
Reflection	-16.5dB
Front to Back Ratio	33dB
Polarization	Vertical
Power Rating	25W
Impedance	50 ohms
Termination	Fixed N- female
Cross Pol. Discrimination	30dB

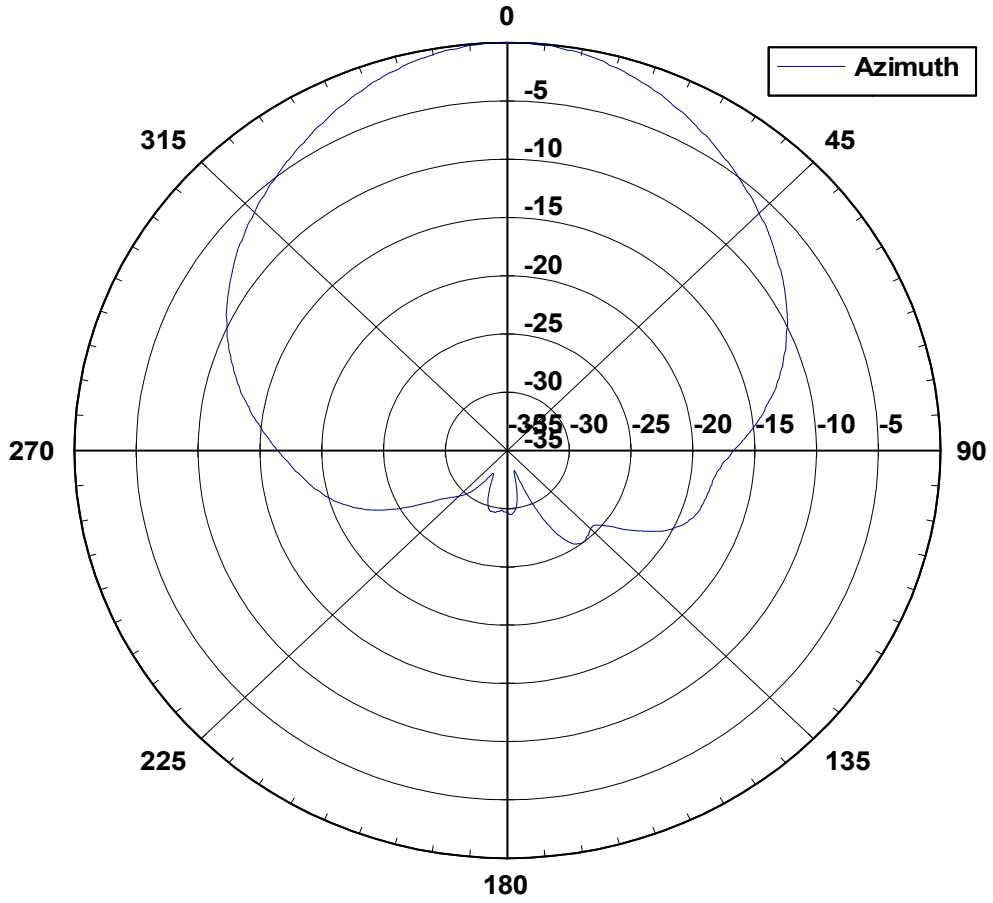
### Mechanical Specifications

Length	71cm
Width	14cm
Depth	12cm
Weight (excl. brackets)	2.5kg
Windage(at 200kmph)	298N
Mechanical Tilt	0-7 degrees
Mounting Pipe	4 inch pipe

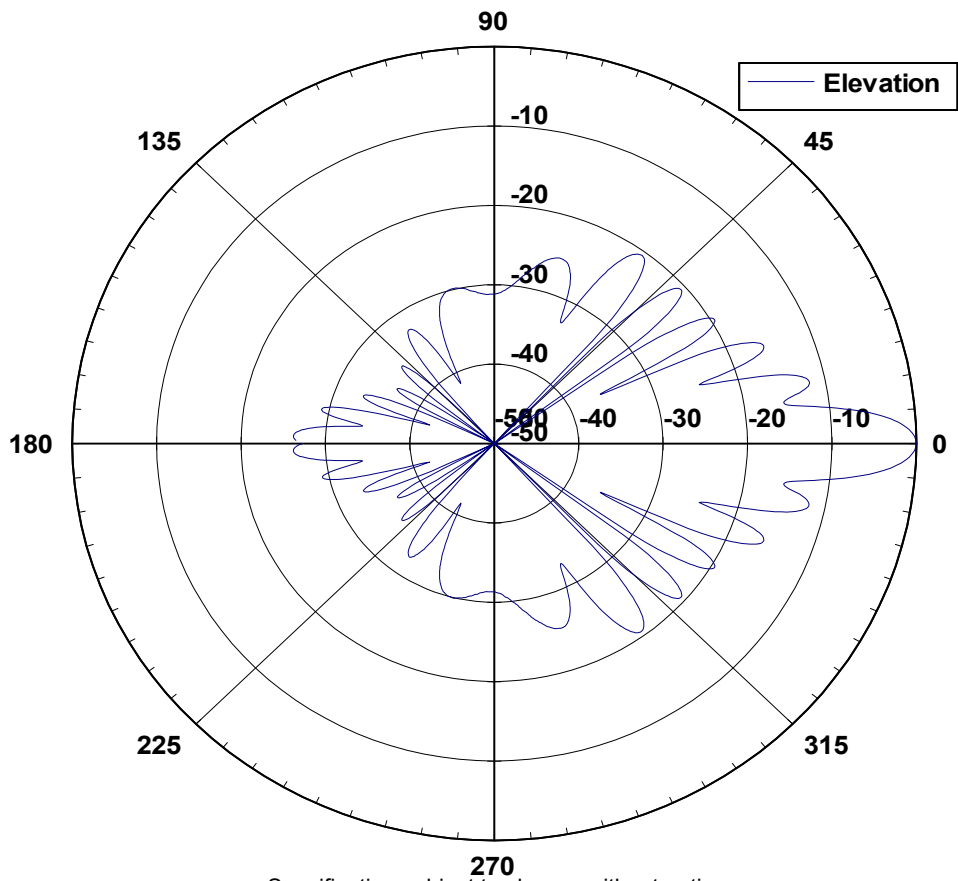
### Materials

Radiating Element	Beam forming PCB dipole array
Radome	Aluminium + ABS Grey
Clamps	HDG steel + stainless steel bolts

### 35 SD9060NV Azimuth Pattern



### 35 SD9060NV Elevation Pattern



270  
Specification subject to change without notice.