



# Stella Doradus Ireland Ltd.

## 3.5GHz Base Station antenna

Part No.: 35 12008



*The 35 12008 is a base station point to point antenna designed for use in high density RF environments*

*The excellent radiation characteristics are the distinguishing features of these antennas*

### Electrical Specification

Gain	15dBi
3dB beam Pattern	120° x 8°
Bandwidth	3.3-3.6GHz
VSWR	1.8 : 1
Front to Back Ratio	25dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

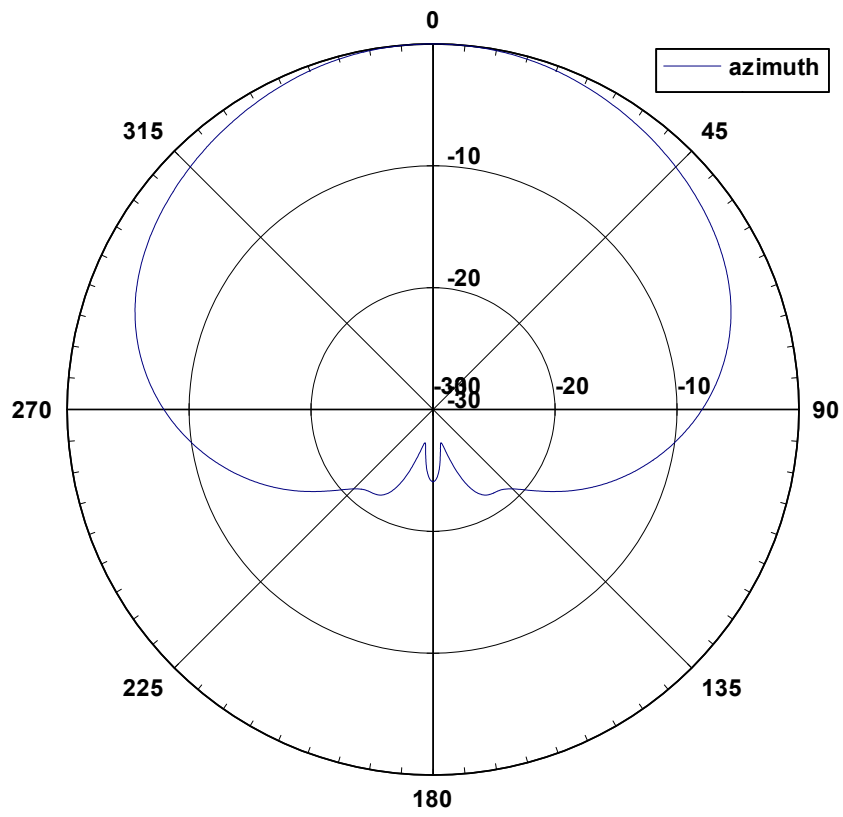
### Mechanical Specifications

Length	100cm
Width	17cm
Depth	10 cm
Weight	2Kg
Windage(at 215kmph)	49kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

### Materials

Radiating Element	Beam forming PCB patch array
Radome ( feed )	ABS Grey
Clamps	HDG steel + galvanised steel bolts

### 35 12008 Azimuth Pattern



### 35 12008 Elevation Pattern

