



# Stella Doradus Ireland Ltd.

## 2.2GHz Base Station antenna

Part No.: 22 12015



*The 22 12015 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 Specifications

Gain	12dBi
3dB beam Pattern	120° x 15°
Bandwidth	2.1-2.3Ghz
VSWR	1.8 : 1
Front to Back Ratio	30dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

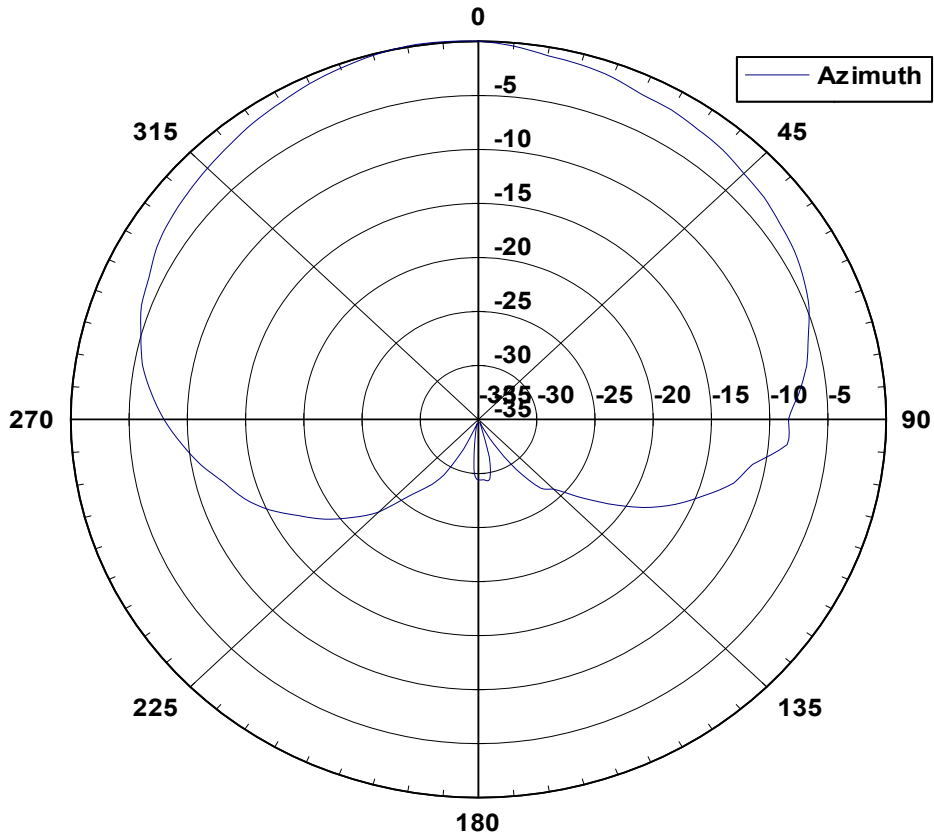
### Mechanical Specifications

Length	49cm
Width	17cm
Depth	9 cm
Weight	1.4Kg
Windage(at 215kmph)	24kg
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

22 12015 Azimuth Pattern



22 12015 Elevation Pattern

