



# Stella Doradus Ireland Ltd.

## 2.2GHz Base Station antenna Part No.: 22 3015



*The 24 3015 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	18dBi
3dB beam Pattern	30° x 15°
Bandwidth	2.1-2.3GHz
VSWR	1.8 : 1
Front to Back Ratio	27dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

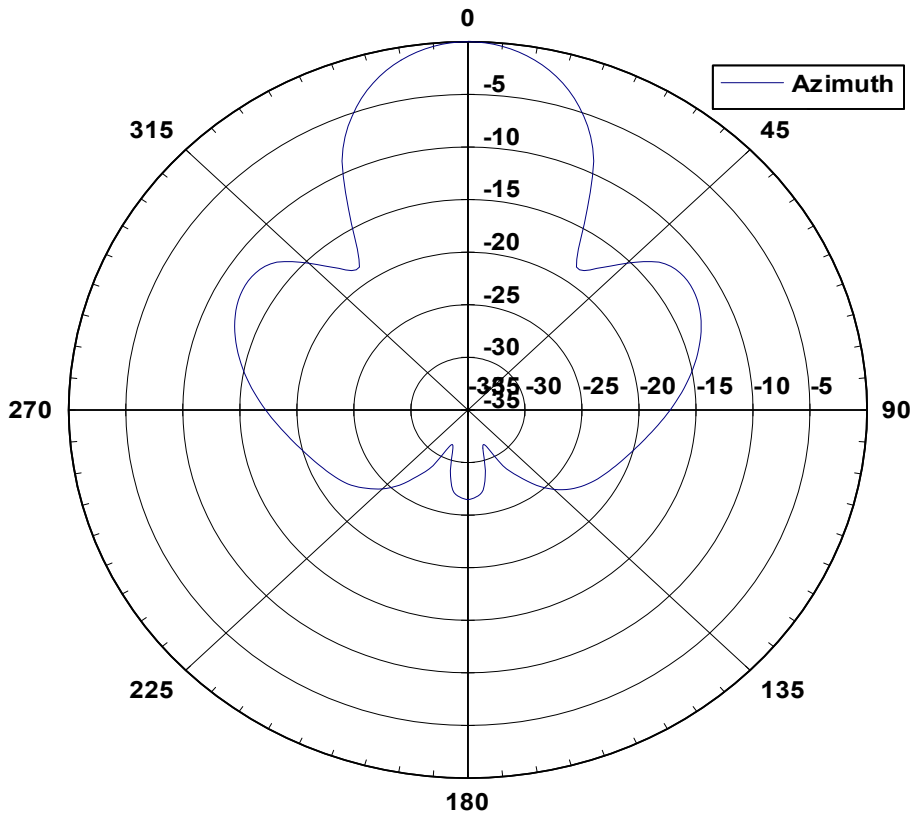
### Mechanical Specifications

Length	50cm
Width	22cm
Depth	4 cm
Weight	1Kg
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 3015 Azimuth Pattern



22 3105 Elevation Pattern

