



# Stella Doradus Ireland Ltd.

## 2.4GHz Base Station antenna

Part No.: 24 18005



*The 24 18005 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	16dBi
3dB beam Pattern	180° x 5°
Bandwidth	2.4-2.485GHz
VSWR	1.8 : 1
Front to Back Ratio	20dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

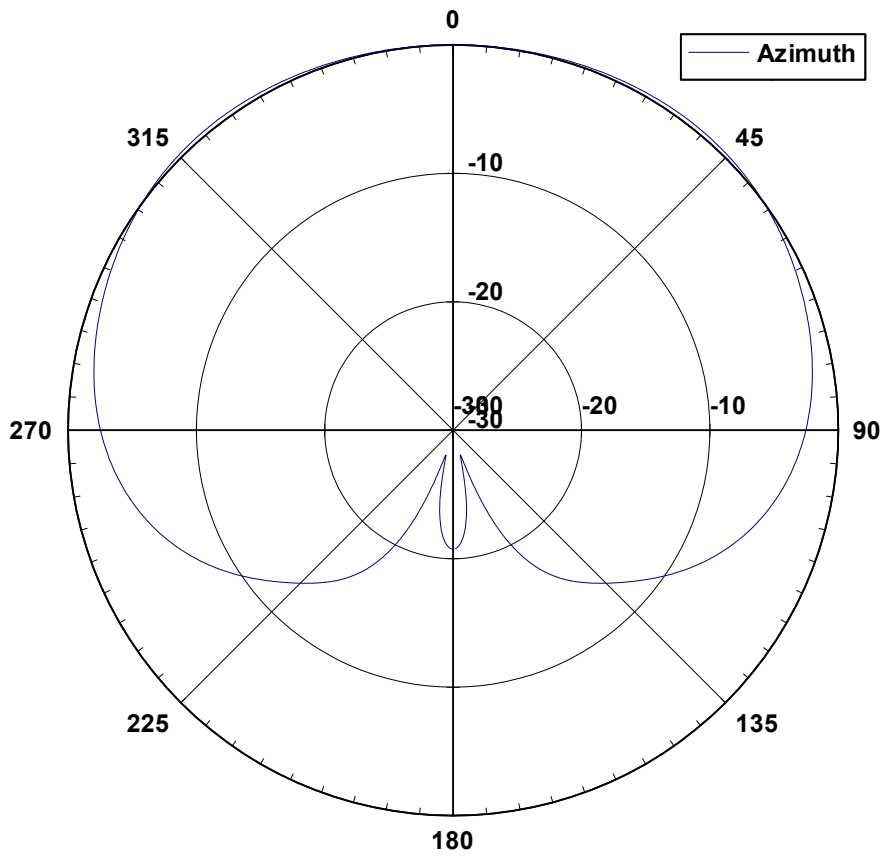
### Mechanical Specifications

Length	160cm
Width	23cm
Depth	14cm
Weight	16Kg including brackets
Windage(at 215kmph)	106kg (237lbs) front face on
Mechanical Tilt	0-10 degrees
Mounting Pipe	10 cm pipe

### Materials

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

24 18005 Azimuth Pattern



24 18005 Elevation Pattern

