



# Stella Doradus Ireland Ltd.

## 2.4GHz High Gain Base Station Part No.: 24 12005H



*The 24 12005H 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	18dBi
3dB beam Pattern	120° x 5°
Bandwidth	2.4-2.485GHz
VSWR	1.55 : 1
Front to Back Ratio	31dB
Polarization	Horizontal
Power Rating	250W
Impedance	50 ohms
Termination	Fixed N- female
Cross Pol. Discrimination	28dB min after 100 degrees

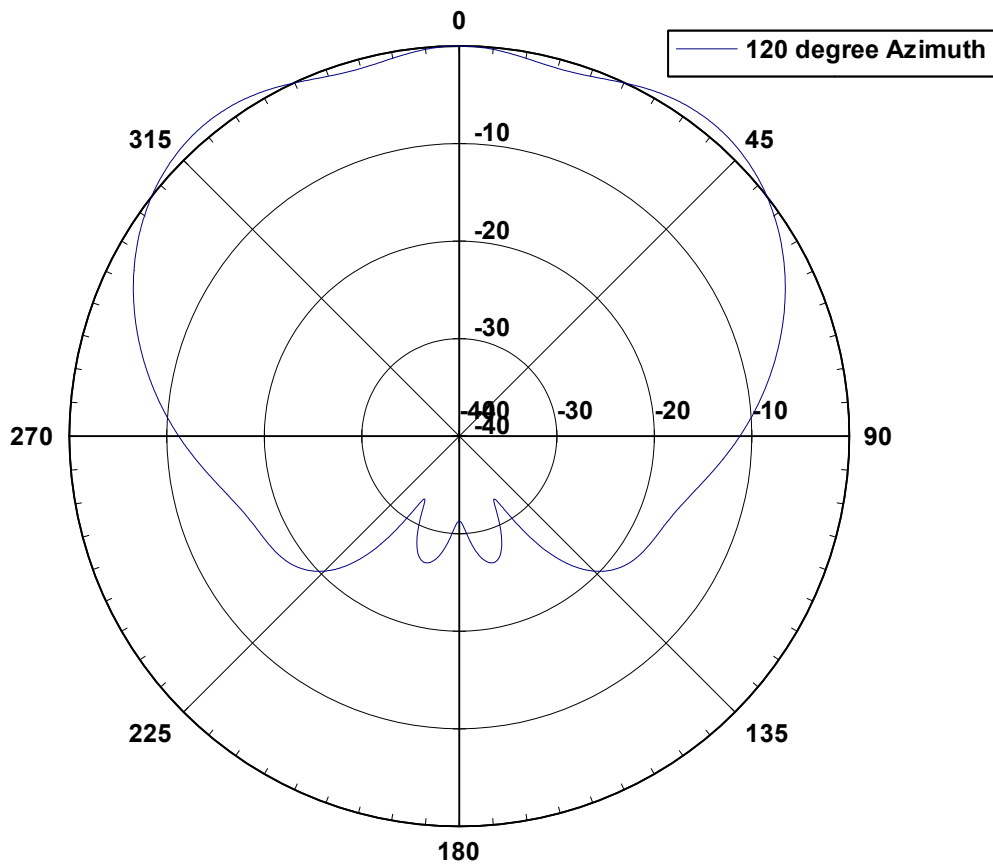
### Mechanical Specifications

Length	160cm
Width	23cm
Depth	14cm
Weight	7.5Kg
Windage(at 125mph)	106kg (237lbs) front face on
Mechanical Tilt	0-10 degrees
Mounting Pipe	10 cm pipe

### Materials

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

### 24 12005H Azimuth Pattern



### 24 12005H Elevation Pattern

