



# Stella Doradus Ireland Ltd.

## 5.2GHz Base Station antenna

Part No.: 52 3004H



*The 52 3004H 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	23.5dBi
3dB beam Pattern	30° x 4°
Bandwidth	5.1 - 5.3GHz
VSWR	1.8 : 1
Front to Back Ratio	43.5dB
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

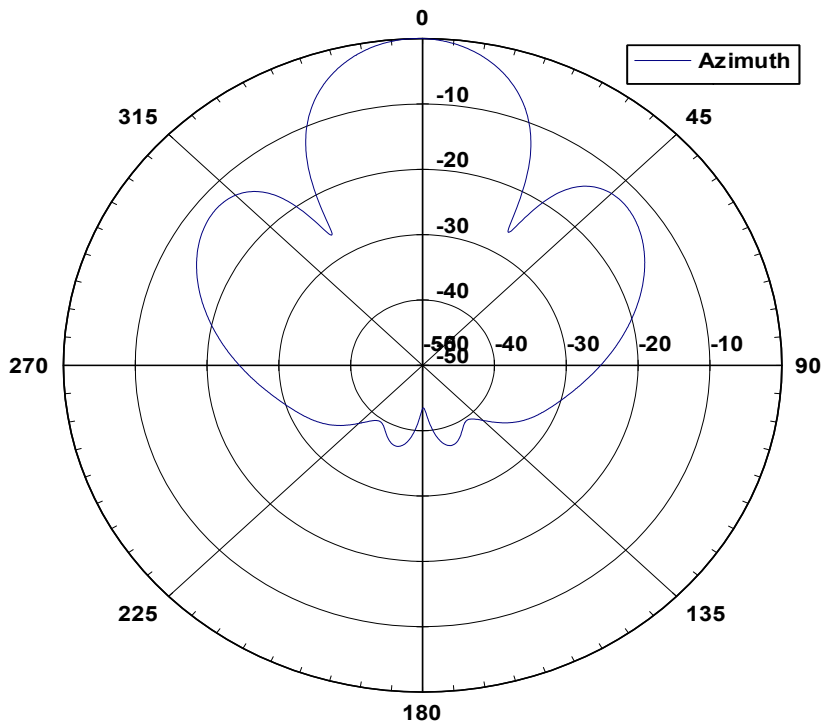
### Mechanical Specifications

Length	100cm
Width	17cm
Depth	10cm
Weight	2.0kg
Windage(at 215km/h)	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 + zinc plated bolts

**52 3004H Azimuth Pattern**



**52 3004H Elevation Pattern**

