



# Stella Doradus Ireland Ltd.

## 5.6GHz Base Station antenna

Part No.: 56 9004H



*The 56 9004H 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	19.5dBi
3dB beam Pattern	90° x 4°
Bandwidth	5.4 - 5.7GHz
VSWR	1.8 : 1
Front to Back Ratio	30dB
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB
Surge Protection	Built in

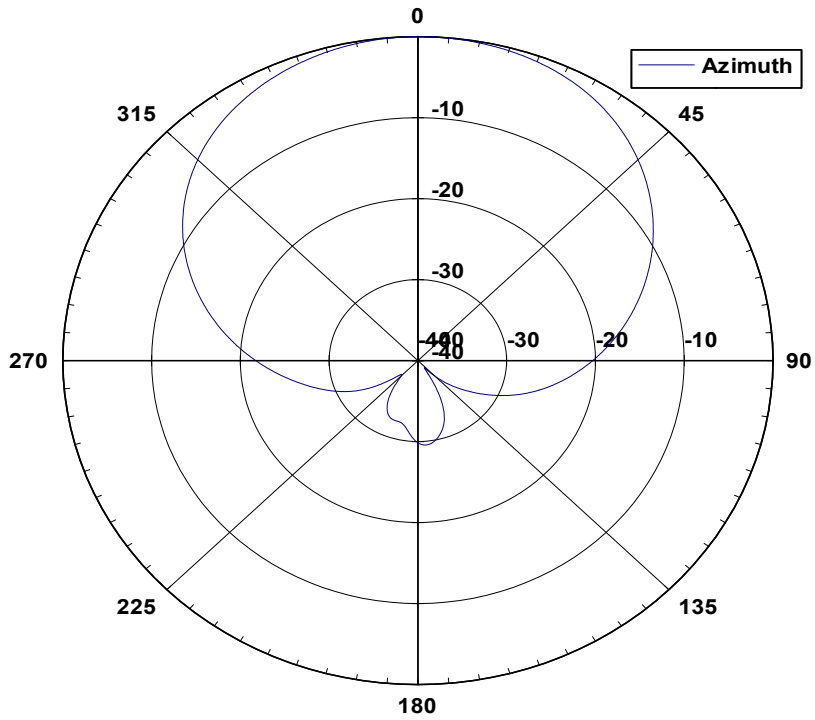
### Mechanical Specifications

Length	78cm
Width	24.5cm
Depth	2.5cm
Weight	2.7kg
Windage(at 215km/h)	55kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	9 cm pipe

### Materials

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

56 9004H Azimuth Pattern



56 9004H Elevation Pattern

