



Stella Doradus Ireland Ltd.

5.2GHz Base Station antenna

Part No.: 52 9004H



*The 52 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	5.1 - 5.3GHz
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

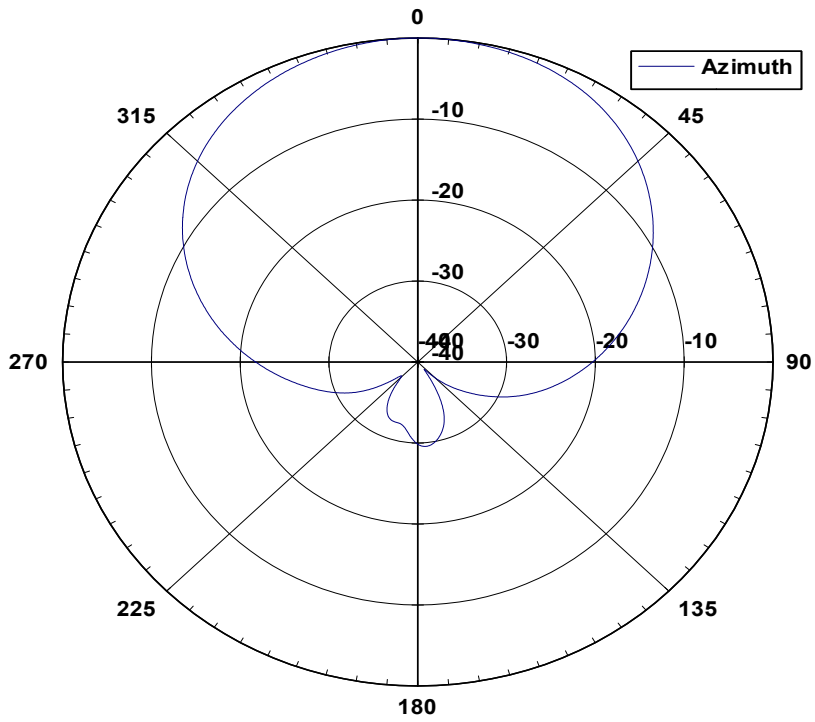
Mechanical Specifications

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

52 9004H Azimuth Pattern



52 9004H Elevation Pattern

