



Stella Doradus Ireland Ltd.

5.2GHz Base Station antenna

Part No.: 52 9010H



*The 52 9010H 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	15.5dBi
3dB beam Pattern	90° x 8°
Bandwidth	5.1 - 5.3GHz
VSWR	1.8 : 1
Front to Back Ratio	28dBi
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dBi
Surge Protection	Built in

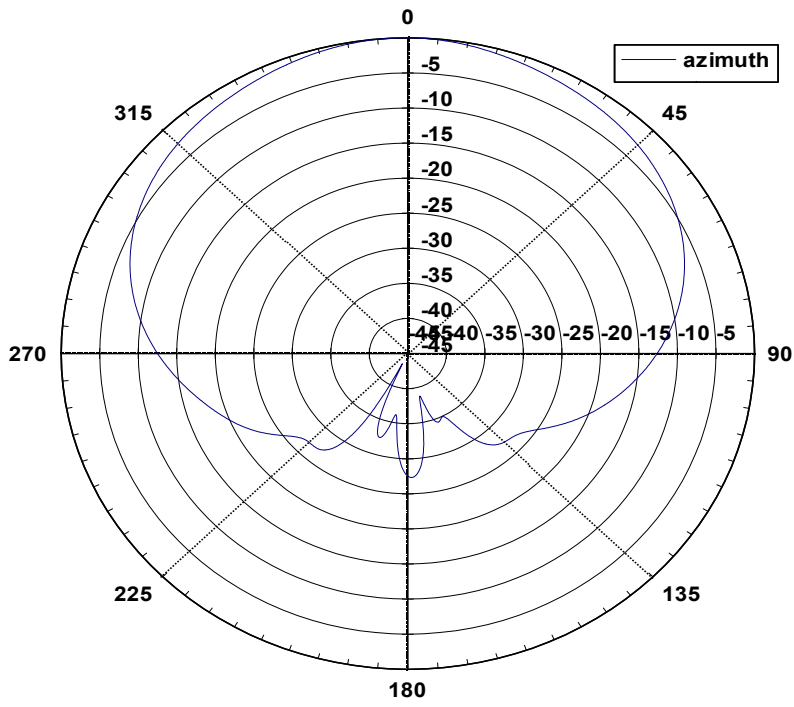
Mechanical Specifications

Length	43.5cm
Width	22.5cm
Depth	7.5cm
Weight (incl. Brackets)	1.03kg
Windage(at 215km/h)	28.19kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

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

52 9010H Azimuth Pattern



52 9010H Elevation Pattern

