



Stella Doradus Ireland Ltd.

5.2GHz Base Station antenna

Part No.: 52 3008H



*The 52 3008H 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	20dBi
3dB beam Pattern	30° x 8°
Bandwidth	5.1-5.3GHz
VSWR	1.8 : 1
Front to Back Ratio	33dBi
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dBi
Surge Protection	Built in

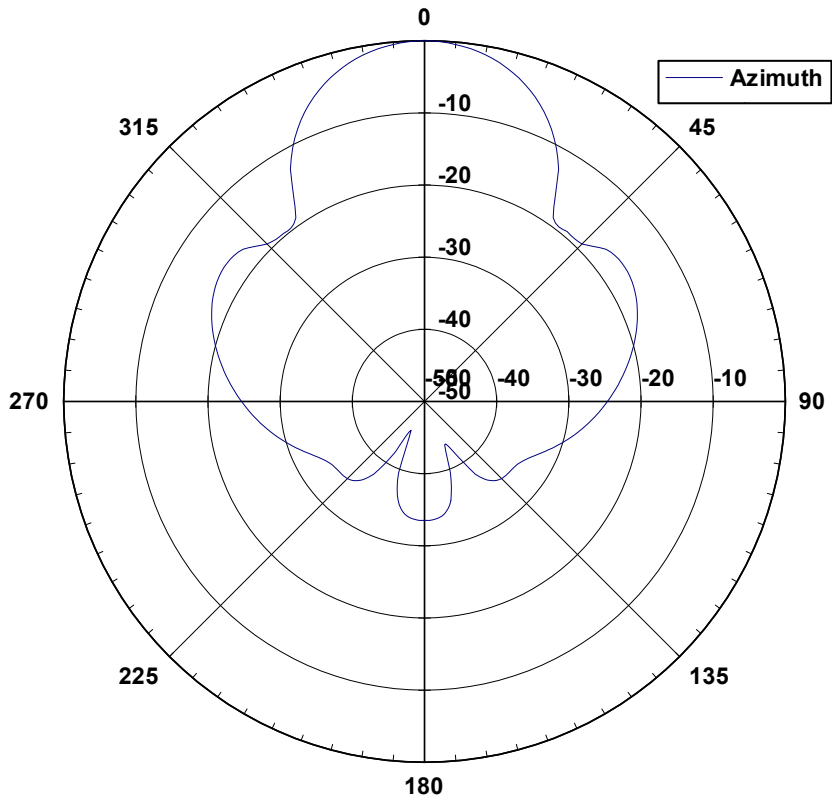
Mechanical Specifications

Length	49cm
Width	17cm
Depth	10cm
Weight	1.4kg
Windage(at 215kmph)	24kg
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 3008H Azimuth Pattern



52 3008H Elevation Pattern

