



Stella Doradus Ireland Ltd.

5.8GHz Base Station antenna Part No.: 58 3008H



*The 58 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	5.75-5.85GHz
VSWR	1.8 : 1
Front to Back Ratio	32dBi
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	20dBi
Surge Protection	Built in

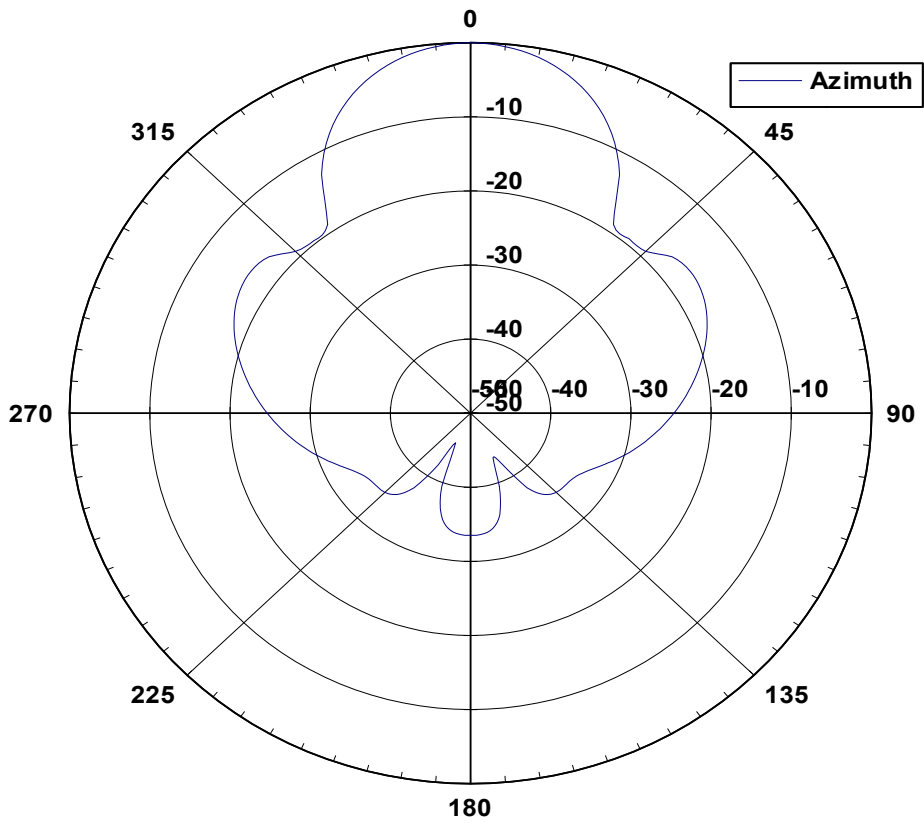
Mechanical Specifications

Length	49cm
Width	17cm
Depth	10cm
Weight	1.4kg
Windage(at 215km/h)	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 + zinc plated bolts

58 3010H Azimuth Pattern



58 3010H Elevation Pattern

