



Stella Doradus Ireland Ltd.

5.8GHz Planar Antenna Part No.: 58 1010H



The 58 1010H is an indoor or outdoor pole mounted antenna.

Adjustable elevation or horizontal tilt are available

The excellent radiation characteristics are the distinguishing features of these antennas

Electrical Specification

Gain	26.5dBi
3dB beam Pattern	7° x 7°
Bandwidth	5.7-5.9GHz
VSWR	1.8 : 1
Front to Back Ratio	31dBi
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	20dBi
Surge Protection	Built in

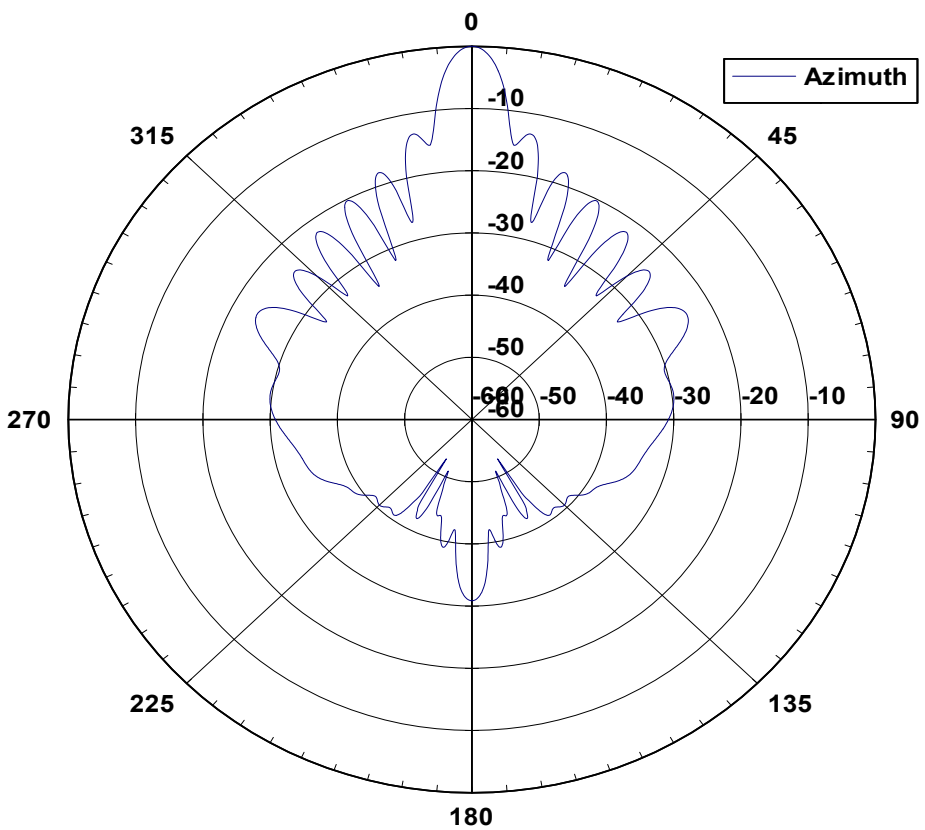
Mechanical Specifications

Length	45cm
Width	45cm
Depth	5cm
Weight	2.5kg
Windage(at 215kmph)	59.6kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

Materials

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

Azimuth Pattern



Elevation Pattern

