



# Stella Doradus Ireland Ltd.

## 5.8GHz Planar Antenna Part No.: 58 1010



*The 58 1010 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	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	20dBi
Surge Protection	Built in

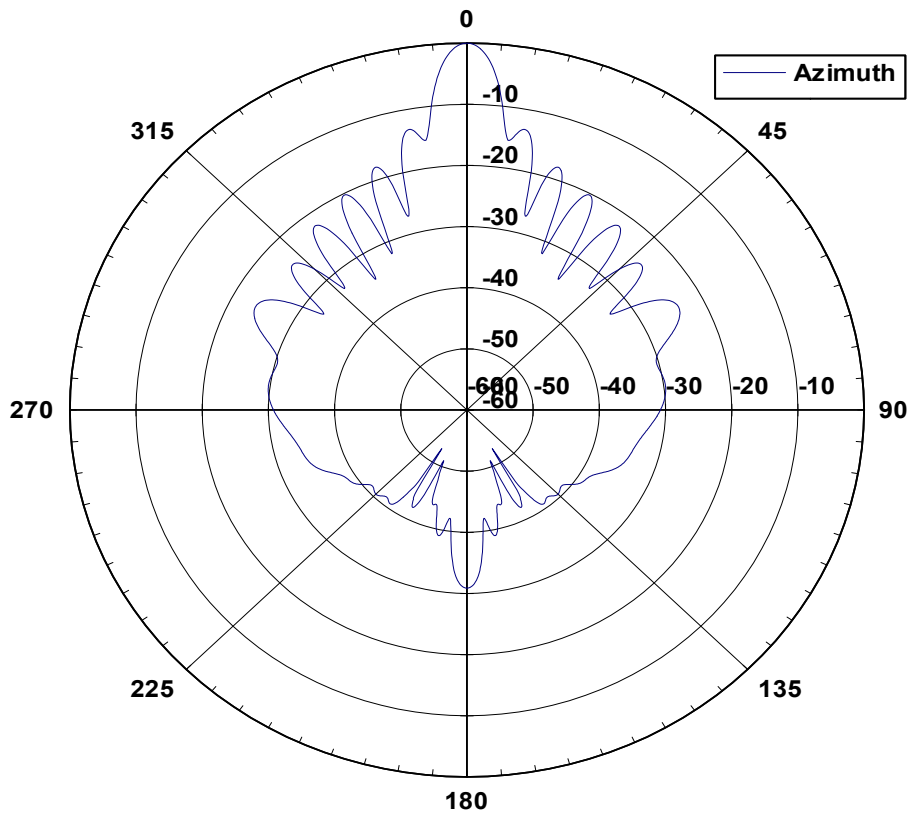
### Mechanical Specifications

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

