



# Stella Doradus Ireland Ltd.

## 5.8GHz Planar Antenna

Part No.: 58 1515



*The 58 1515 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	24dBi
3dB beam Pattern	9° x 9°
Bandwidth	5.7-5.9GHz
VSWR	1.8 : 1
Front to Back Ratio	27.5dBi
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	20dBi
Surge Protection	Built in

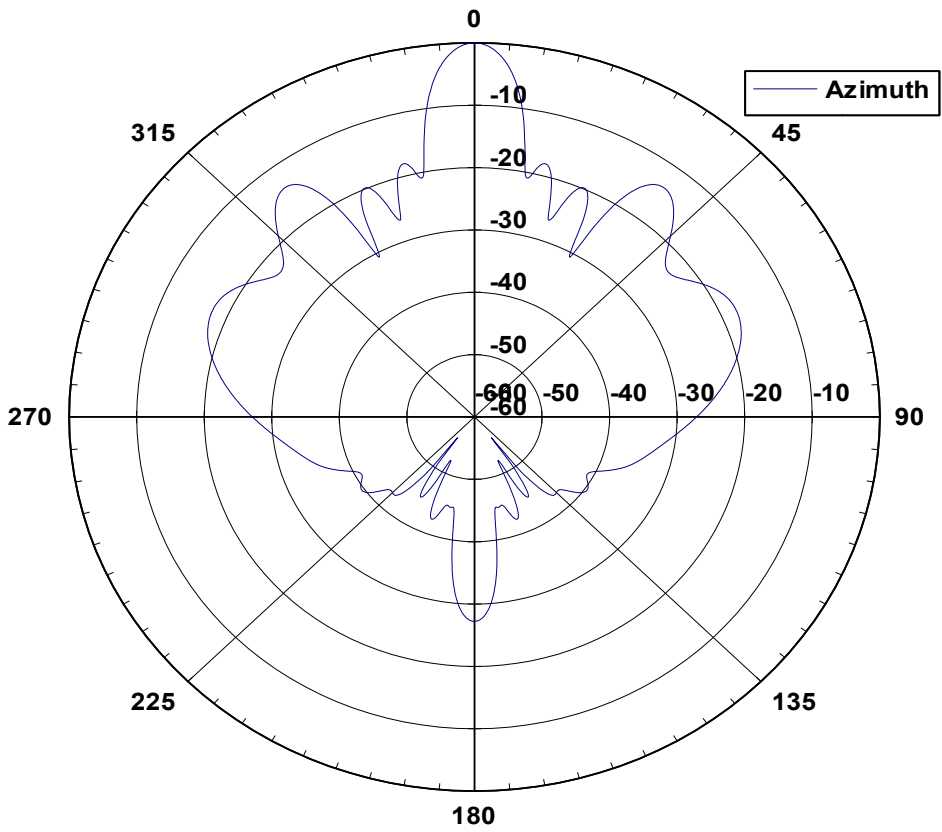
### Mechanical Specifications

Length	33cm
Width	33cm
Depth	4 cm
Weight	2.2Kg
Windage(at 215kmph)	37.3kg
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

