



# Stella Doradus Ireland Ltd.

## 5.8GHz Planar Antenna

Part No.: 58 8585



*The 58 8585 is an indoor or outdoor pole mounted, wall mounted or desktop mounted antenna  
Adjustable elevation or horizontal tilt are available.*

*High quality professional antennas with exceptional patterns and extremely durable.*

### Electrical Specification

Gain	9dBi
3dB beam Pattern	55° x 35°
Bandwidth	5.7-5.9GHz
VSWR	1.8 : 1
Front to Back Ratio	27dBi
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	15dBi
Surge Protection	Built in

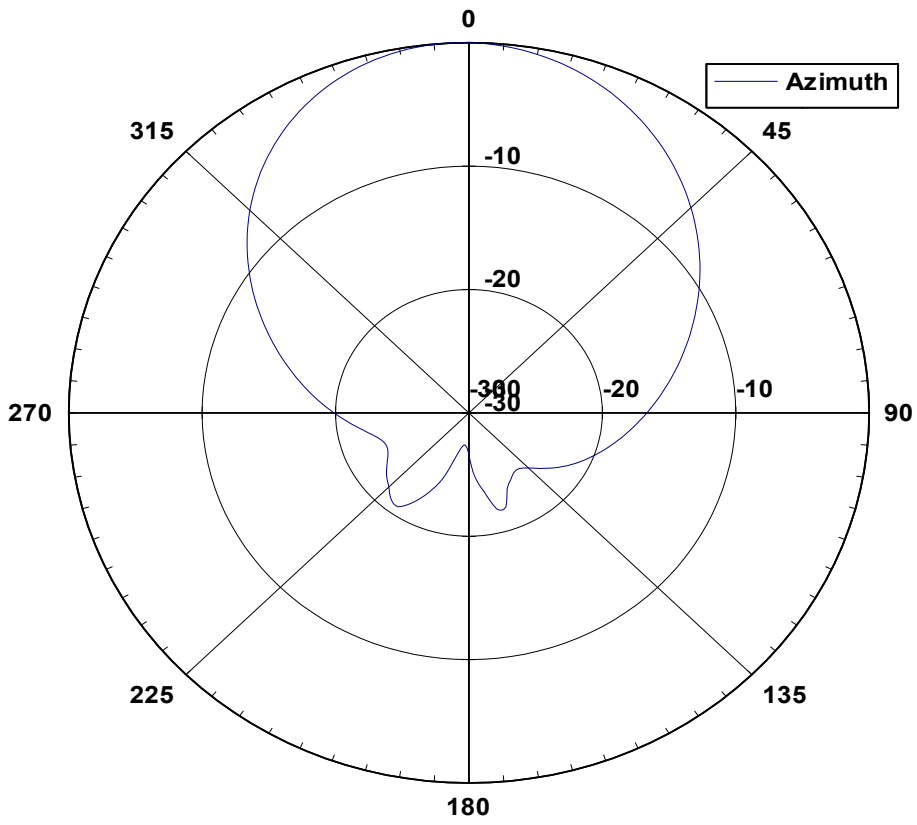
### Mechanical Specifications

Length	12cm
Width	11cm
Depth	2 cm
Weight	0.8Kg
Windage(at 215kmph)	3.1kg
Mounting Pipe	5 cm pipe

### Materials

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

### Azimuth Pattern



### Elevation Pattern

