



# Stella Doradus Ireland Ltd.

## 2.4GHz 8080 OB Planar Antenna



*The 24 8080 OB is an indoor or outdoor pole mounted antenna.*

*Optional adjustable elevation or horizontal tilt are available*

*This aesthetically pleasing, professional outdoor box requires no silicon seal.*

*With room for integrating your own radio unit within the box, a range of pigtails are available with different connectors for connection from the antenna to the radio unit.*

*Back plate can be removed many times for inspection of internal electronics*

*The excellent radiation characteristics are the distinguishing features of these antennas*

### Electrical Specification

Gain	9dBi
3dB beam Pattern	75° x 50°
Bandwidth	2.4-2.485Ghz
VSWR	1.8 : 1
Front to Back Ratio	20dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	Pigtail of your choice included
Cross Pol. Discrimination	-20dB after 55 deg
Surge Protection	Built in

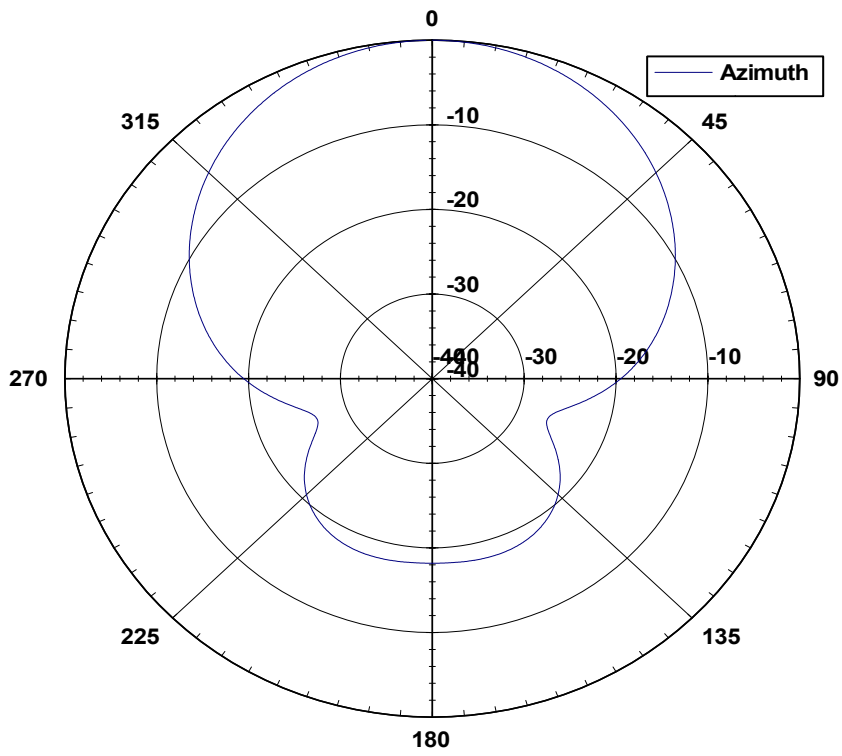
### Mechanical Specifications

Length	30cm
Width	26cm
Depth	6cm
Weight	2Kg
Windage(at 215kmph)	23.7kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

### Materials

Radiating Element	PCB patch array
Radome ( feed )	UV stabilized Polystyrene White
Clamps	HDG steel + galvanised steel bolts

24 8080 OB Azimuth Pattern



24 8080 OB Elevation Pattern

