



# Stella Doradus Ireland Ltd.

## 1.4GHz Planar Antenna

Part No.: 14 8080



*The 14 8080 is an indoor or outdoor pole mounted, wall mounted or desktop mounted antenna  
The excellent radiation characteristics are the distinguishing features of these well priced antennas  
Adjustable elevation or horizontal tilt are available.*

### Electrical Specification

Gain	9dBi
3dB beam Pattern	75 x 50 deg.
Bandwidth	1.35-1.45GHz
VSWR	1.8 : 1
Front to Back Ratio	22dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	20dB
Surge Protection	Built in

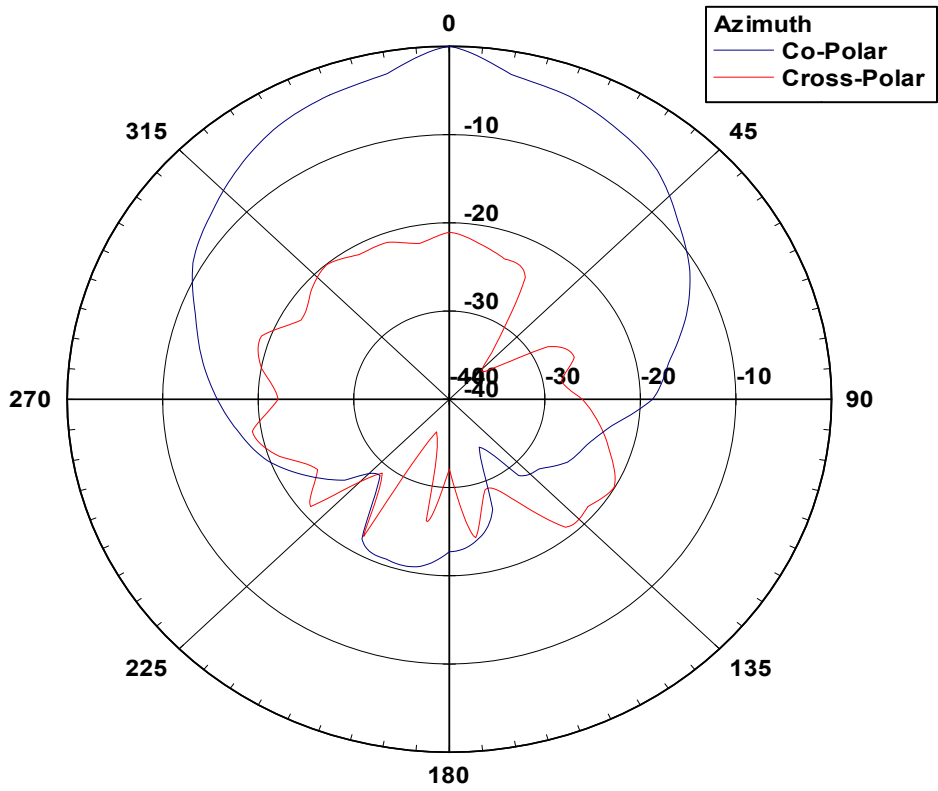
### Mechanical Specifications

Length	24cm
Width	23cm
Depth	3 cm
Weight	1Kg
Windage(at 215kmph)	16.2kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

### Materials

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

14 8080 Azimuth Pattern



14 8080 Elevation Pattern

