



# Stella Doradus Ireland Ltd.

## 2.4GHz Planar Antenna Part No.: 24 8080



*The 24 8080 is an indoor or outdoor antenna designed to greatly increase the range of WLANs within buildings  
The excellent radiation characteristics are the distinguishing features of these well priced 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	Fixed N-female or SMA female
Cross Pol. Discrimination	-20dB after 55 deg
Surge Protection	Built in

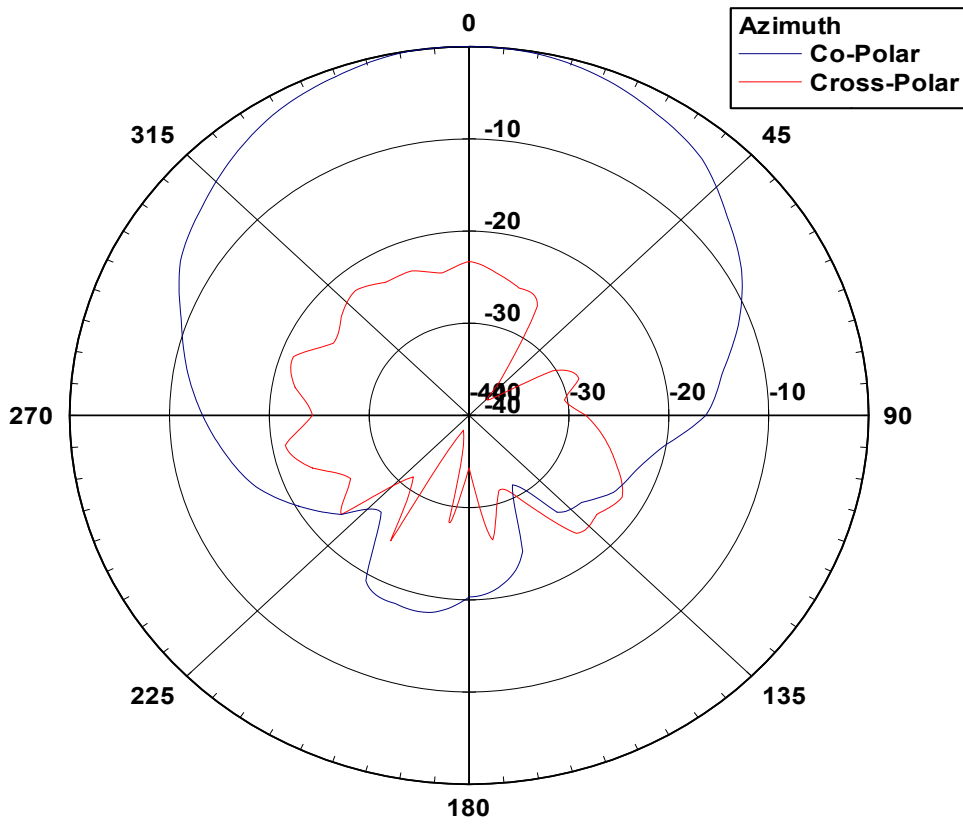
### Mechanical Specifications

Length	12cm
Width	11cm
Depth	2 cm
Weight	0.8Kg
Windage(at 215kmph)	3.1kg
Mechanical Tilt	0-25 degrees

### Materials

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

### Azimuth Pattern



### Elevation Pattern

