



# Stella Doradus Ireland Ltd.

## 3.5GHz Planar Antenna

Part No.: 35 8080H



*The 35 8080H is an indoor or outdoor pole mounted, wall mounted or desktop mounted antenna  
Adjustable horizontal tilt available.*

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

### Electrical Specification

Gain	9dBi
3dB beam Pattern	60° x 50°
Bandwidth	3.3-3.7GHz
VSWR	1.8 : 1
Front to Back Ratio	20dB
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	-20dB after 55 deg
Surge Protection	Built in

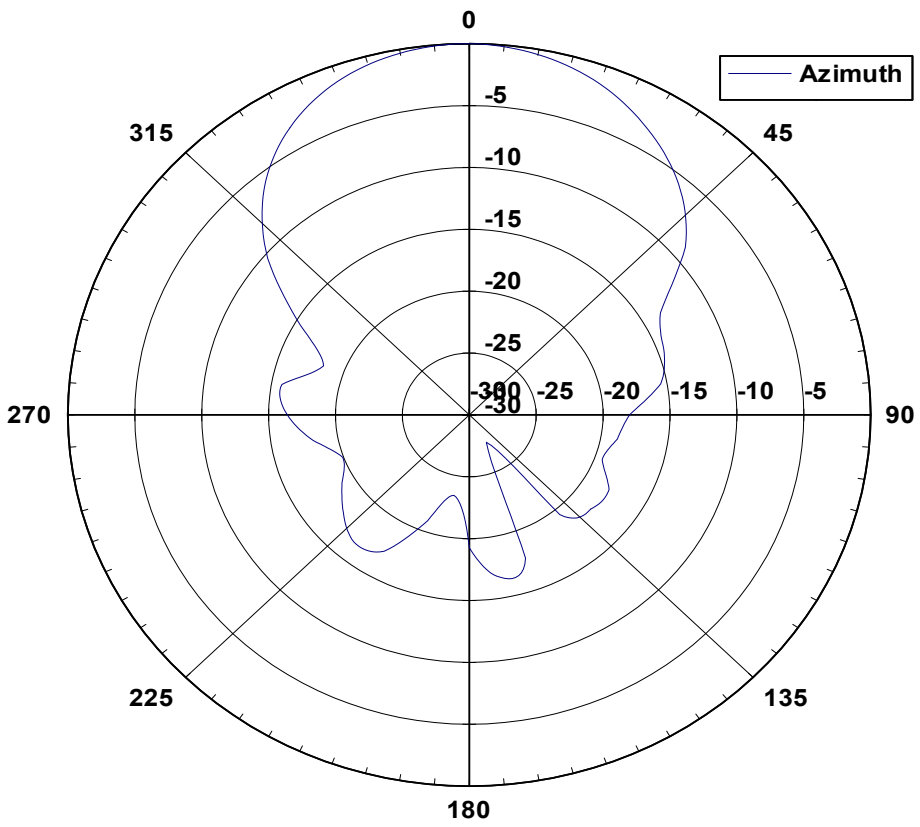
### Mechanical Specifications

Length	12cm
Width	11cm
Depth	2 cm
Weight	0.8Kg
Windage(at 215kmph)	3.1kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

### Materials

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

### Azimuth Pattern



### Elevation Pattern

