



# Stella Doradus Ireland Ltd.

## 5.8GHz Planar Antenna Part No.: 58 2020



*The 58 2020 is an indoor or outdoor pole mount high gain antenna.*

*Adjustable elevation or horizontal tilt are available*

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

### Electrical Specification

Gain	20dBi
3dB beam Pattern	14° x 14°
Bandwidth	5.7-5.9GHz
VSWR	1.8 : 1
Front to Back Ratio	30dBi
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	Fixed N-female or SMA female
Cross Pol. Discrimination	20dBi
Surge Protection	Built in

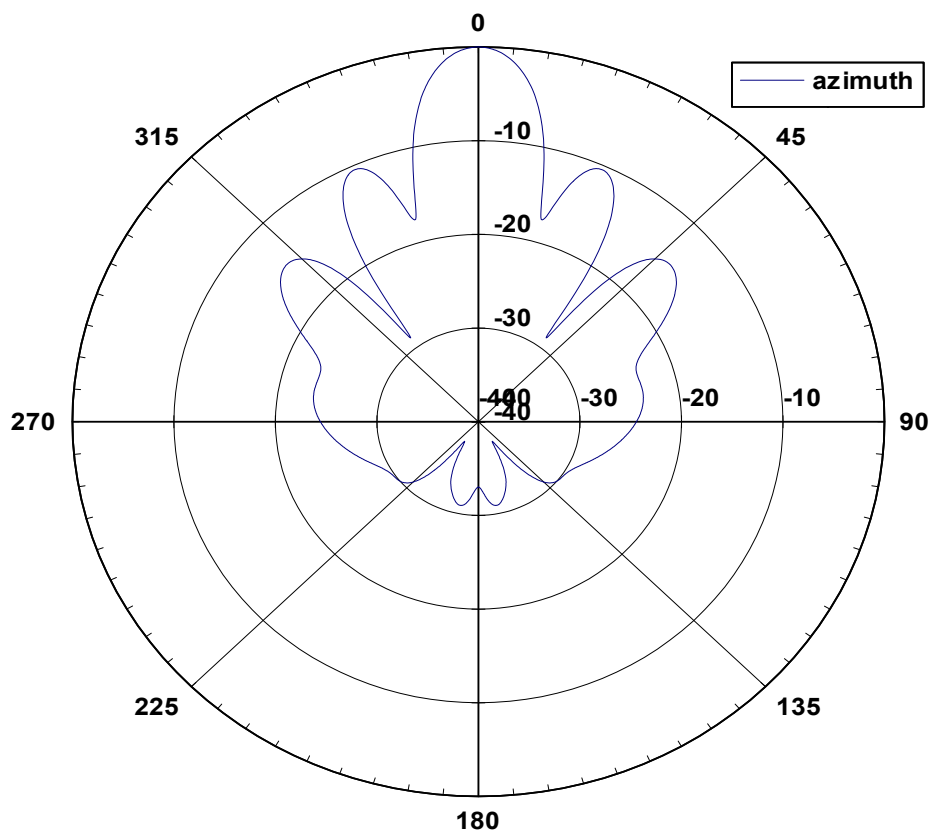
### Mechanical Specifications

Length	24cm
Width	23cm
Depth	3 cm
Weight	1Kg
Windage	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 + bolts

### Azimuth Pattern



### Elevation Pattern

