



Stella Doradus Ireland Ltd.

5.8GHz Planar Antenna Part No.: 58 9090H



*The 58 9090H is an indoor or outdoor pole mounted, wall mounted or desktop mounted antenna
Adjustable elevation or horizontal tilt are available.
High quality professional antennas with exceptional patterns and extremely durable.*

Electrical Specification

| | |
|---------------------------|------------------------------|
| Gain | 6dBi |
| 3dB beam Pattern | 60° x 85° |
| Bandwidth | 5.7-5.9GHz |
| VSWR | 1.8 : 1 |
| Front to Back Ratio | 25dBi |
| Polarization | Horizontal |
| Power Rating | 50W |
| Impedance | 50 ohms |
| Termination | Fixed N-female or SMA female |
| Cross Pol. Discrimination | 15dBi |
| Surge Protection | Built in |

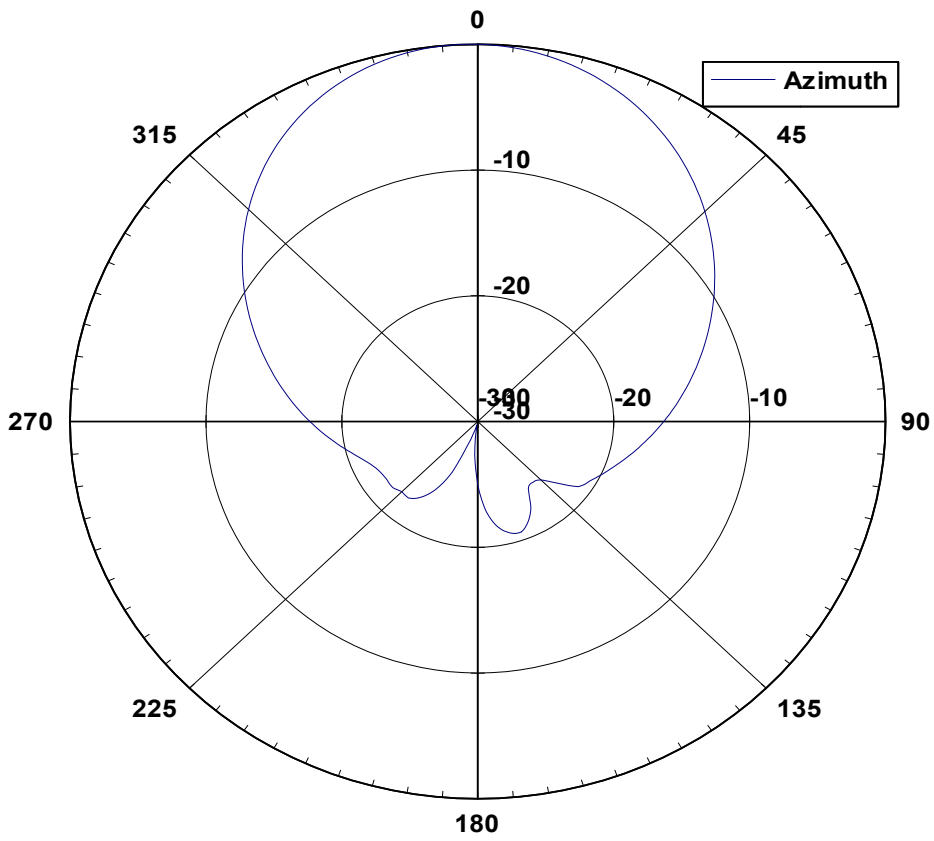
Mechanical Specifications

| | |
|---------------------|-----------|
| Length | 12cm |
| Width | 11cm |
| Depth | 2 cm |
| Weight | 0.8Kg |
| Windage(at 215kmph) | 3.1kg |
| Mounting Pipe | 5 cm pipe |

Materials

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

Azimuth Pattern



Elevation Pattern

