



Stella Doradus Ireland Ltd.

2.2GHz Base Station antenna Part No.: 22 9015H



*The 22 9015H is a base station point to point antenna designed for use in high density RF environments
The excellent radiation characteristics are the distinguishing features of these antennas*

Electrical Specifications

| | |
|---------------------------|------------|
| Gain | 13.5dBi |
| 3dB beam Pattern | 90° x 15° |
| Bandwidth | 2.1-2.3GHz |
| VSWR | 1.8 : 1 |
| Front to Back Ratio | 38dB |
| Polarization | Horizontal |
| Power Rating | 50W |
| Impedance | 50 ohms |
| Termination | N-female |
| Cross Pol. Discrimination | 22dB |
| Surge Protection | Built in |

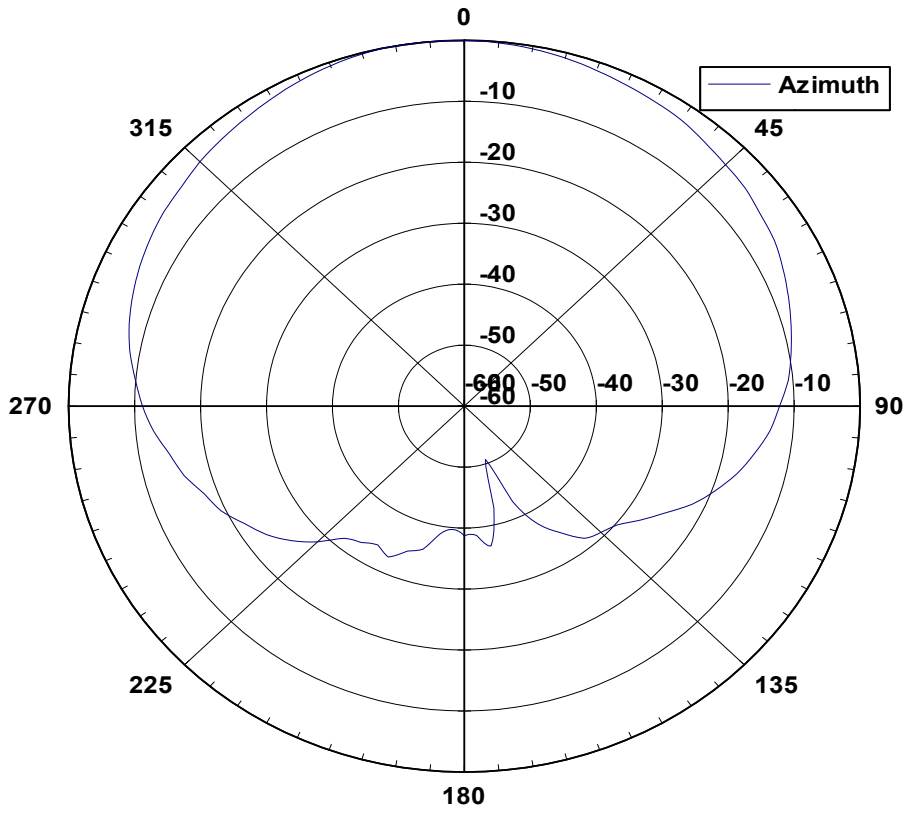
Mechanical Specifications

| | |
|---------------------|--------------|
| Length | 49cm |
| Width | 17cm |
| Depth | 9 cm |
| Weight | 1.4Kg |
| Windage(at 215kmph) | 24kg |
| Mechanical Tilt | 0-25 degrees |
| Mounting Pipe | 5 cm pipe |

Materials

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

22 9015H Azimuth Pattern



22 9015H Elevation Pattern

