



Stella Doradus Ireland Ltd.

5.2GHz Base Station antenna

Part No.: 52 6004



*The 52 6004 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 | 21dBi |
| 3dB beam Pattern | 60° x 4° |
| Bandwidth | 5.1 - 5.3GHz |
| VSWR | 1.8 : 1 |
| Front to Back Ratio | 30dB |
| Polarization | Vertical |
| Power Rating | 50W |
| Impedance | 50 ohms |
| Termination | N-female |
| Cross Pol. Discrimination | 32dB |
| Surge Protection | Built in |

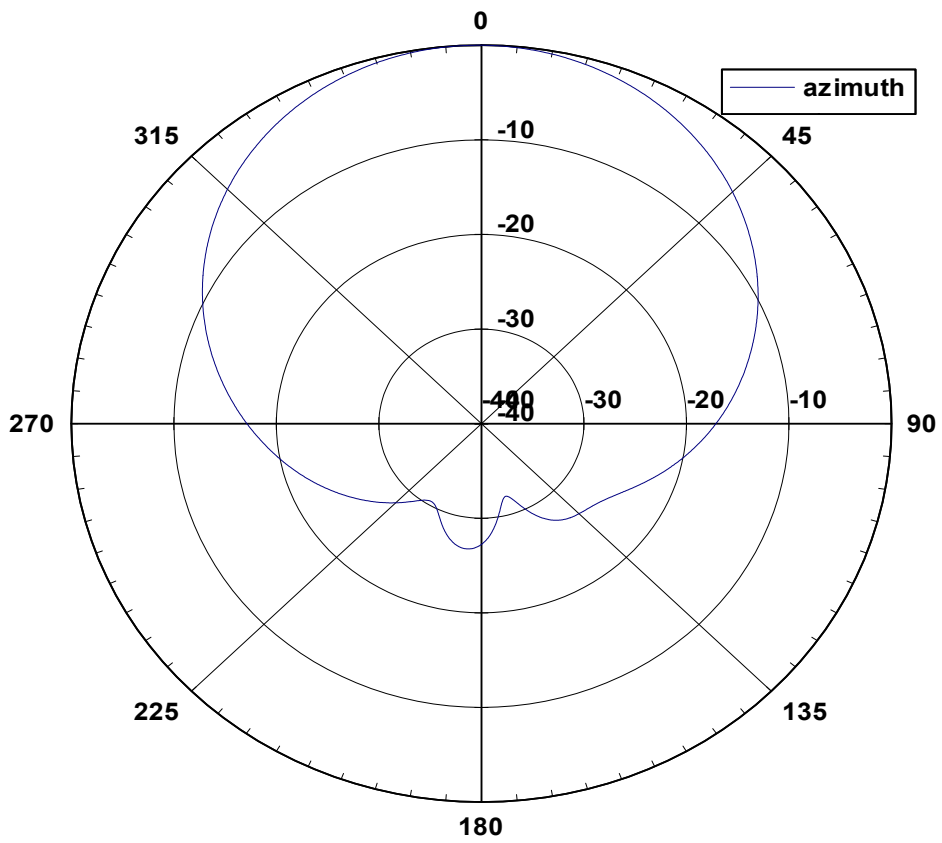
Mechanical Specifications

| | |
|---------------------|--------------|
| Length | 78cm |
| Width | 24.5cm |
| Depth | 2.5cm |
| Weight | 2.7kg |
| Windage(at 215km/h) | 55kg |
| Mechanical Tilt | 0-25 degrees |
| Mounting Pipe | 5cm pipe |

Materials

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

52 6004 Azimuth Pattern



52 6004 Elevation Pattern

