



Stella Doradus Ireland Ltd.

52 6010 5.2GHz Base Station antenna



*The 52 6010 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 | 17dBi |
| 3dB beam Pattern | 60° x 8° |
| Bandwidth | 5.1-5.3GHz |
| VSWR | 1.8 : 1 |
| Front to Back Ratio | 27dBi |
| Polarization | Vertical |
| Power Rating | 50W |
| Impedance | 50 ohms |
| Termination | N-female |
| Cross Pol. Discrimination | 22dB |

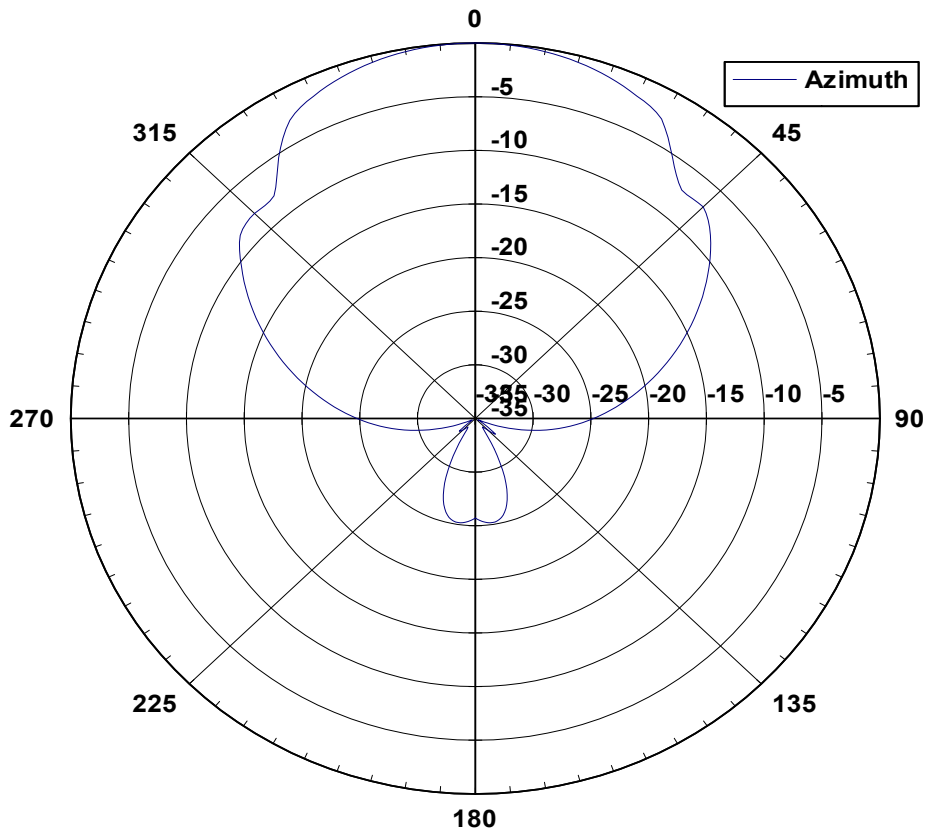
Mechanical Specifications

| | |
|-------------------------|--------------|
| Length | 43.5cm |
| Width | 22.5cm |
| Depth | 7.5cm |
| Weight (incl. Brackets) | 1.03kg |
| Windage(at 215km/h) | 28.19kg |
| Mechanical Tilt | 0-25 degrees |
| Mounting Pipe | 5 cm pipe |

Materials

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

52 6010 Azimuth Pattern



52 6010 Elevation Pattern

