



# Stella Doradus Ireland Ltd.

## 3010 5.6GHz Base Station antenna



*The 56 3010 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                      | 19dBi      |
| 3dB beam Pattern          | 30° x 8°   |
| Bandwidth                 | 5.4-5.7GHz |
| VSWR                      | 1.8 : 1    |
| Front to Back Ratio       | 33dBi      |
| Polarization              | Vertical   |
| Power Rating              | 50W        |
| Impedance                 | 50 ohms    |
| Termination               | N-female   |
| Cross Pol. Discrimination | 22dBi      |

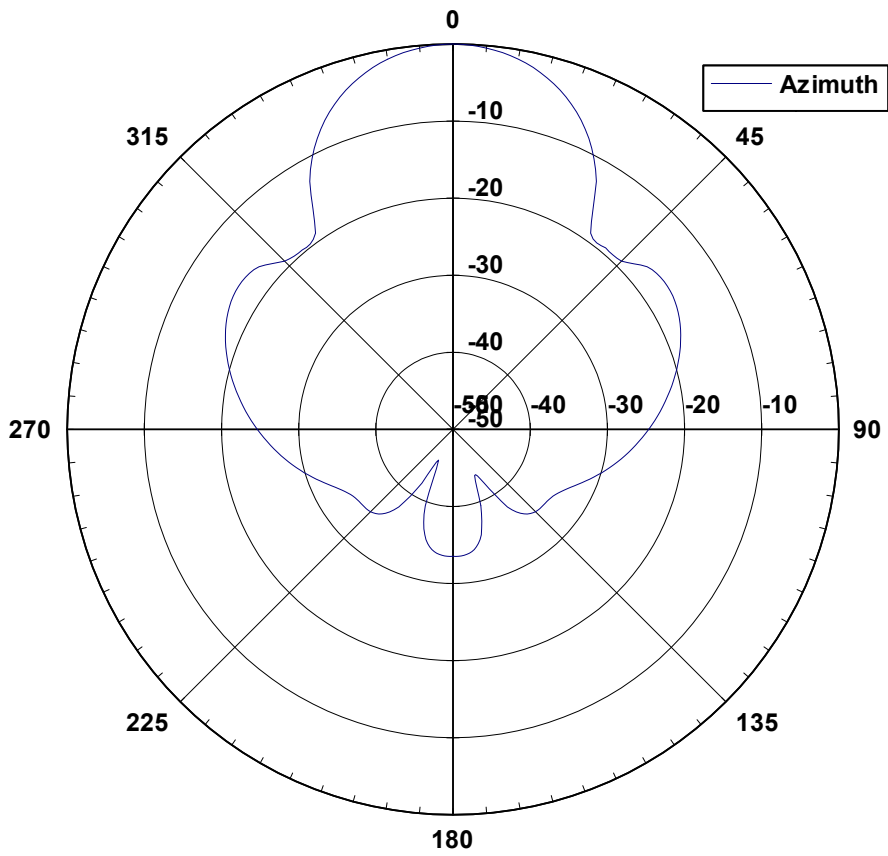
### Mechanical Specifications

|                         |              |
|-------------------------|--------------|
| 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 |

56 3010 Azimuth Pattern



56 3010 Elevation Pattern

