



Stella Doradus Ireland Ltd.

24 6015H 2.4GHz Base Station antenna



*The 24 6015H 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 | 15dBi |
| 3dB beam Pattern | 60° x 15° |
| Bandwidth | 2.4-2.485GHz |
| VSWR | 1.8 : 1 |
| Front to Back Ratio | 44dB |
| Polarization | Horizontal |
| Power Rating | 50W |
| Impedance | 50 ohms |
| Termination | N-female |
| Cross Pol. Discrimination | 22dB |
| Surge Protection | Built in |

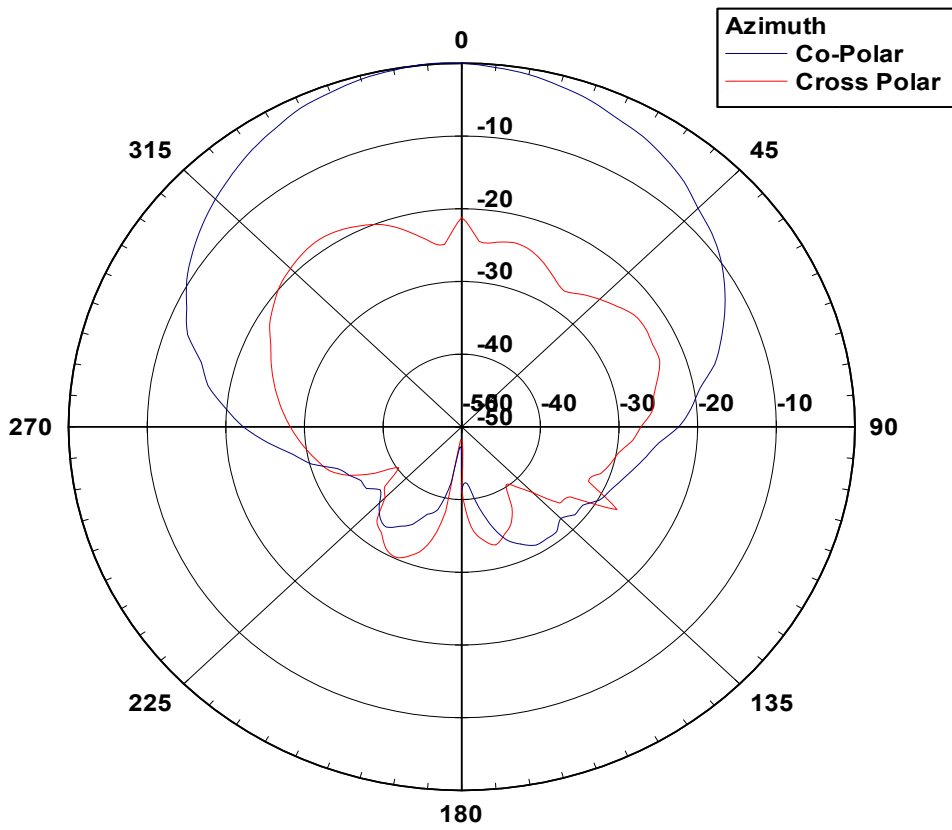
Mechanical Specifications

| | |
|---------------------|--------------|
| Length | 50cm |
| Width | 22cm |
| Depth | 4 cm |
| Weight | 1 Kg |
| Windage(at 215kmph) | 24 kg |
| 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 |

Azimuth Pattern



Elevation Pattern

