



Stella Doradus Ireland Ltd.

5.2GHz Planar Antenna Part No.: 52 2020H



The 52 2020H is an indoor or outdoor pole mount high gain antenna.

Adjustable elevation or horizontal tilt are available

The excellent radiation characteristics are the distinguishing features of these well priced antennas.

Electrical Specification

| | |
|---------------------------|------------------------------|
| Gain | 20dBi |
| 3dB beam Pattern | 14° x 14° |
| Bandwidth | 5.1-5.3GHz |
| VSWR | 1.8 : 1 |
| Front to Back Ratio | 30dBi |
| Polarization | Horizontal |
| Power Rating | 50W |
| Impedance | 50 ohms |
| Termination | Fixed N-female or SMA female |
| Cross Pol. Discrimination | 20dBi |
| Surge Protection | Built in |

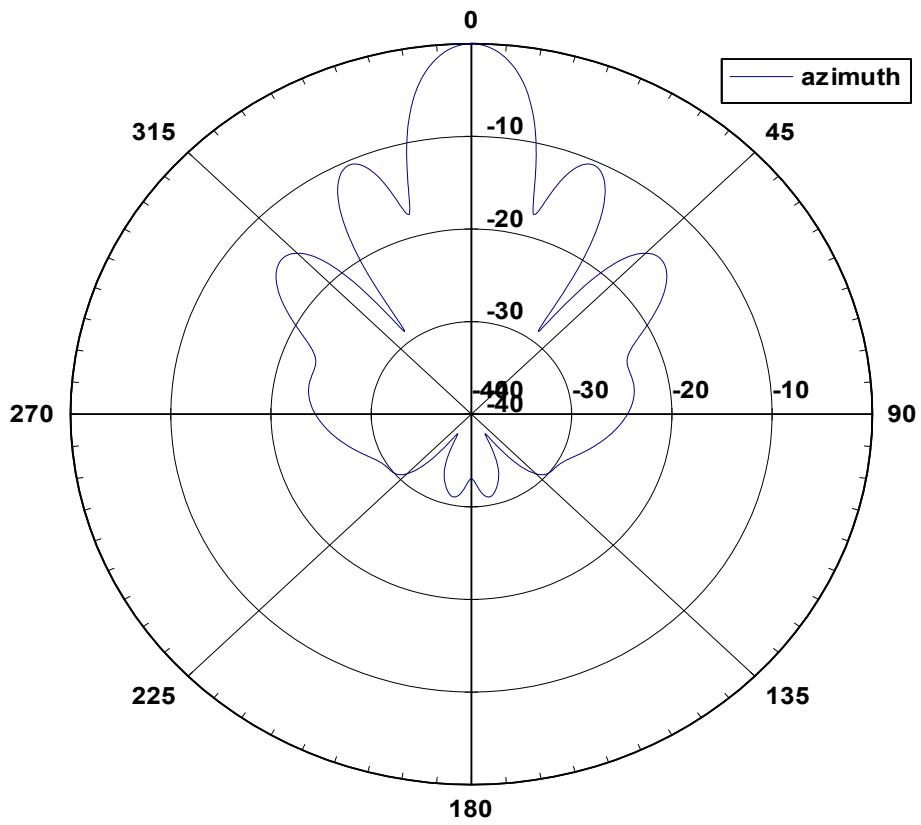
Mechanical Specifications

| | |
|-----------------|--------------|
| Length | 24cm |
| Width | 23cm |
| Depth | 3 cm |
| Weight | 1Kg |
| Windage | 16.2kg |
| Mechanical Tilt | 0-25 degrees |
| Mounting Pipe | 5 cm pipe |

Materials

| | |
|-------------------|-------------------|
| Radiating Element | PCB Patch array |
| Radome (feed) | ABS Grey |
| Clamps | HDG steel + bolts |

Azimuth Pattern



Elevation Pattern

