



Stella Doradus Ireland Ltd.

Cross polarized Wimax 2 Port Base Station Antenna

Part No. 26 6015 XP

2.5 - 2.7GHz



The 26 6015 XP is a high gain base station antenna designed for use in high density RF environments. The excellent radiation characteristics are the distinguishing features of these antennas.

Electrical Specification

| | |
|---------------------------|---------------------|
| Gain | 15dBi |
| 3dB beam Pattern | Azimuth 60° |
| | Elevation 15° |
| Bandwidth | 2.5 - 2.7GHz |
| Reflection | -13.5dB |
| Front to Back Ratio | 37dB |
| Polarization | Dual Pol +/- 45 deg |
| Power Rating | 50W average |
| Impedance | 50 ohms |
| Termination | 2 x Fixed N- female |
| Cross Pol. Discrimination | ≤ -20dB |

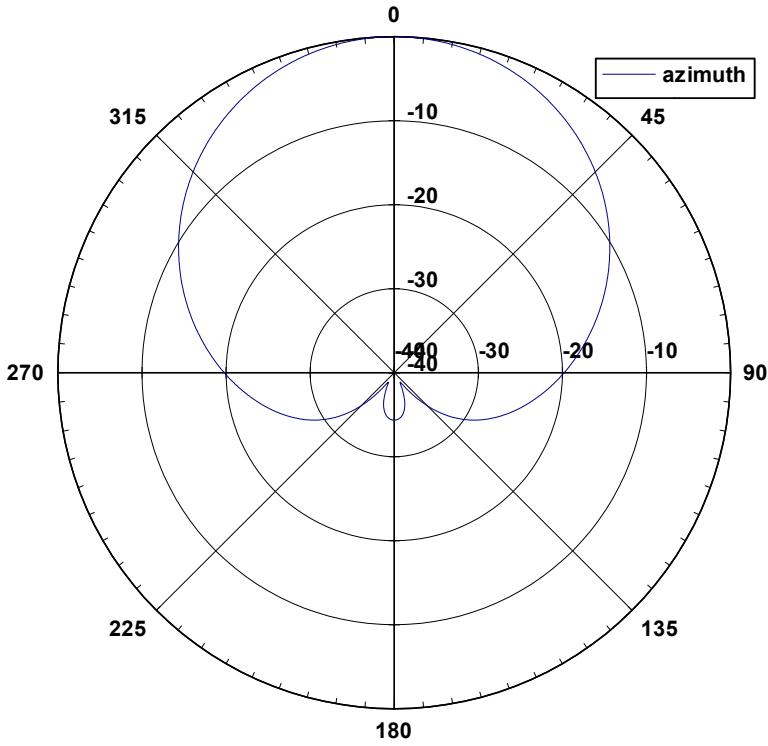
Mechanical Specifications

| | |
|-------------------------|--------------|
| 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 | Steel + UV stabilized Polystyrene White |
| Clamps | HDG steel + stainless steel bolts |

26 6015 XP Azimuth Pattern



26 6015 XP Elevation Pattern

