



# Stella Doradus Ireland Ltd.

**Cross polarized Wimax 2 Port Base Station Antenna**

**Part No. 35 6008-6 XP**

**3.4 - 3.6GHz**



*The 35 6008-6 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	18dBi
3dB beam Pattern	Azimuth 60°
	Elevation 7.5°
Bandwidth	3.4-3.6GHz
Reflection	-13.5dB
Front to Back Ratio	25dB
Polarization	Dual Pol +/- 45 deg
Power Rating	50W average
Impedance	50 ohms
Termination	2 x Fixed N- female
Cross Pol. Discrimination	≤ -20dB
DownTilt	6 degrees

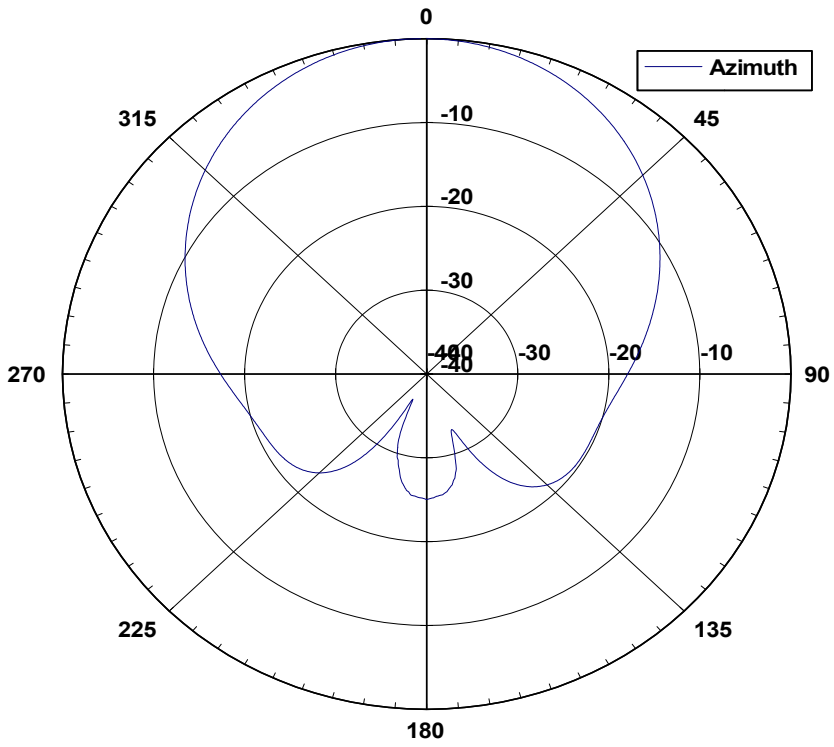
## Mechanical Specifications

Length	91cm
Width	23.5cm
Depth	8.8 cm
Weight	3.5kg
Windage(at 200kmph)	61.5kg
Mechanical Tilt	0-7 degrees
Mounting Pipe	10cm pipe

## Materials

Radiating Element	Beam forming PCB patch array
Radome	Steel + White UV stabilised polystyrene
Clamps	HDG steel + stainless steel bolts

35 6008-6 XP Azimuth Pattern



35 6008-6 XP Elevation Pattern

