



# Stella Doradus Ireland Ltd.

## Cross polarized Wimax 2 Port Base Station Antenna

Part No.: 35 9015 XP

3.4-3.6GHz



*The 35 9015 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		13.5dBi
3dB beam Pattern	Azimuth	90°
	Elevation	15°
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

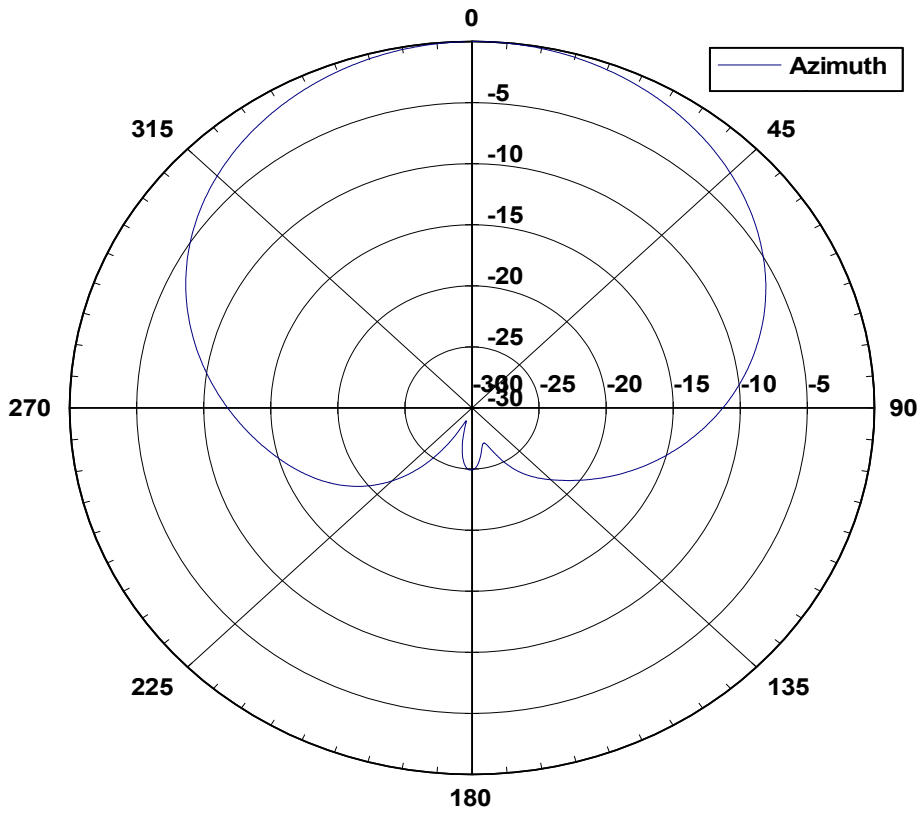
### Mechanical Specifications

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 + White UV stabilised polystyrene
Clamps	HDG steel + zinc plated bolts

35 9015 XP Azimuth Pattern



35 9015 XP Elevation Pattern

