



Stella Doradus Ireland Ltd.

Cross polarized Wimax 2 Port Base Station Antenna

Part No. 35 9008 XP
3.4 - 3.6GHz



*The 35 9008 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		16.5dBi
3dB beam Pattern	Azimuth	90°
	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

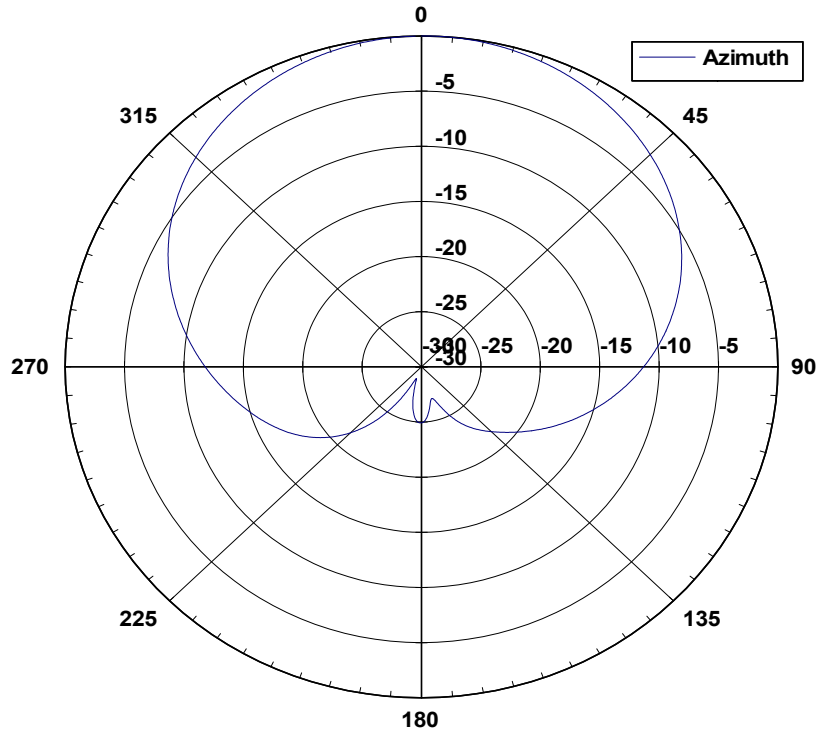
Mechanical Specifications

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 9008 XP Azimuth Pattern



36 9008 XP Elevation Pattern

