



Stella Doradus Ireland Ltd.

Cross polarized Wimax MIMO Base Station Antennas

Part No. 35 9008 XP-MIMO
3.4 - 3.6GHz



The 35 9008 XP-MIMO 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		-16.5dB
Front to Back Ratio		31dB
Polarization		2 x Dual Pol +/- 45 deg
Power Rating		50W average
Impedance		50 ohms
Termination		4 x Fixed N- female
Cross Pol. Discrimination		≤ -20dB
Surge Protection		Built in

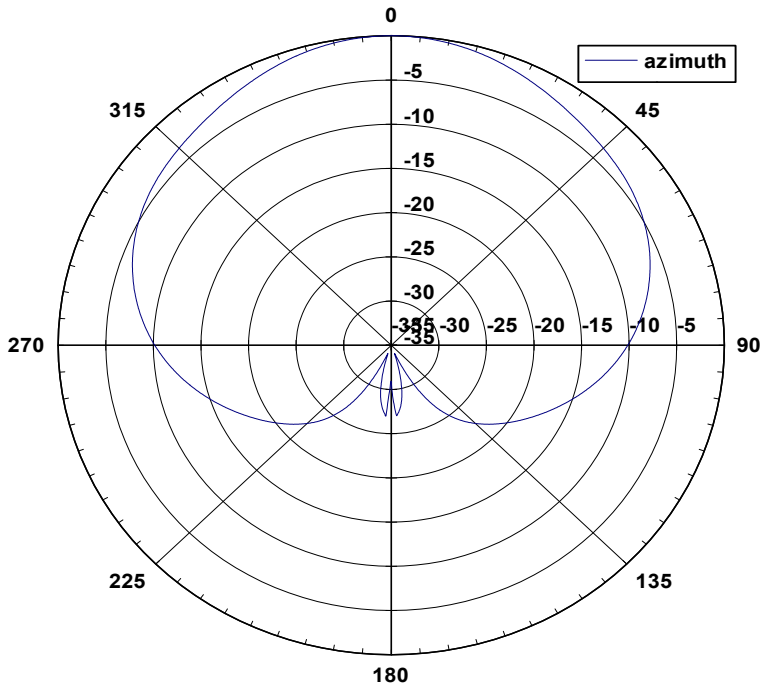
Mechanical Specifications

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-MIMO Azimuth Pattern 1 of 4 antennas



35 9008 XP-MIMO Elevation Pattern

